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1898 62.39
SWEET PEAS.

Collection A.

ROSS BROS.

1898

ALL AND POMOLOGICAL
COLLECTIONS

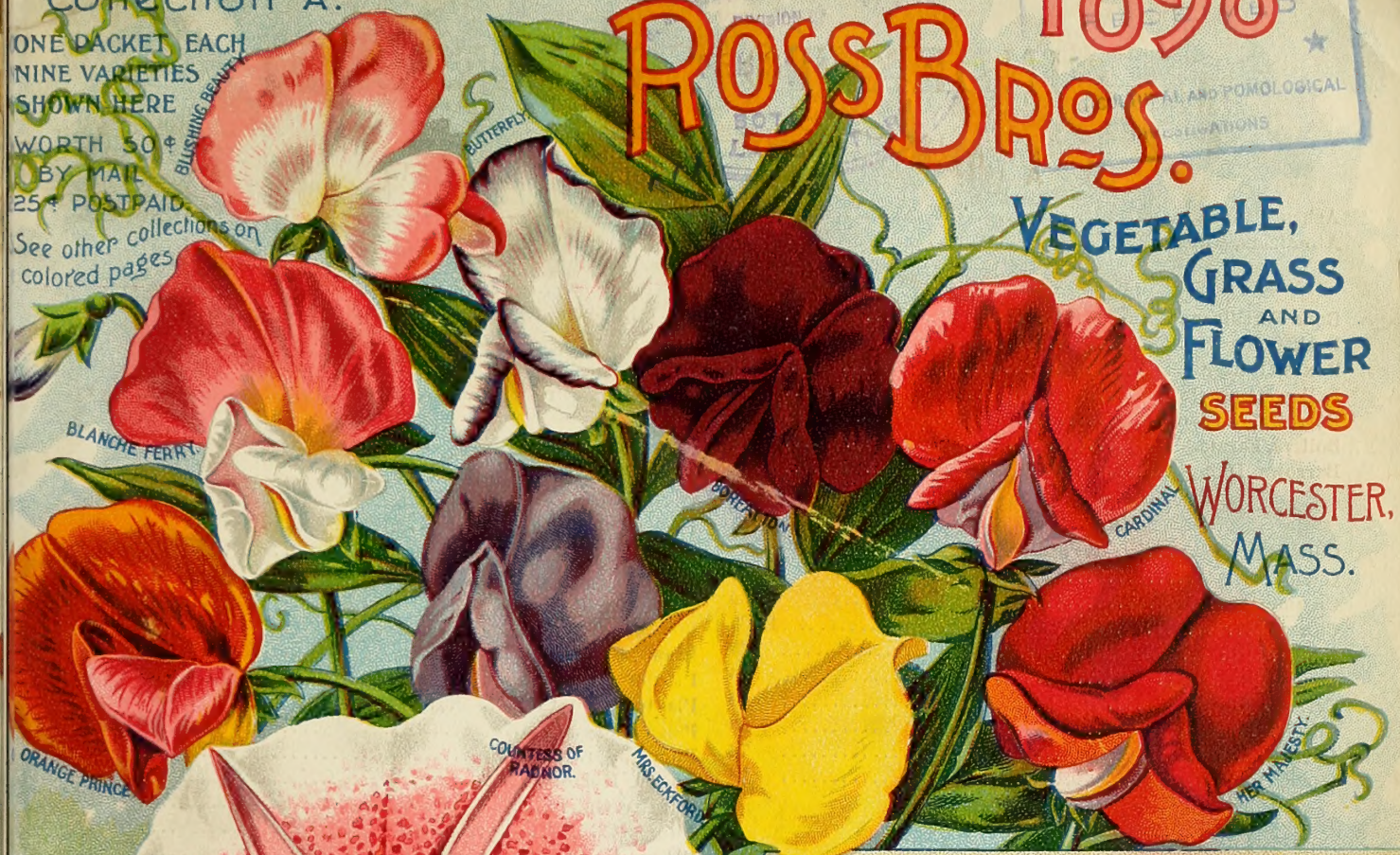
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GRASS
AND
FLOWER
SEEDS

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MASS.

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JAPANESE MORNING GLORY.

The most beautiful floral
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10 YEARS IN THE SEED BUSINESS 10

WHAT IT WAS, WHAT IT IS, AND WHAT IT WILL BE.

THE YEAR just past is our tenth year in the Agricultural Tool and Seed Business in Worcester, and in comparing it with the first year, we were surprised and pleased to find that we had done just four times the amount of business that we did the first year. This was not done by buying out some other store or firm every few years, but by holding our old customers, and each year adding new ones.

When we bought out the old firm of W. H. Earle & Co., in 1888, we had but one floor and a basement at Washington Square, which was ample room for transacting all of our business; but, year by year, we added to our room until now we occupy the entire block Nos. 158, 160, 162 and 164 Front Street. We also have large storage sheds at the Fitchburg and Boston & Maine R. R., where we load and unload direct from the car, and our facilities for transacting the Agricultural Business is unsurpassed by any house in New England.

At the beginning our trade was confined principally to this state, but now we send Seeds as well as all kinds of Farm Implements into nearly every state in the Union, and one of our largest orders, but a few years since, was for a complete outfit of Garden Seeds and Agricultural and Horticultural Implements for the Japanese Government to fit out their agricultural college at Sappora, Japan.

Our aim from the start has been to give our customers the best the market affords, and at as low prices as are consistent with the quality of the goods; it has also been our aim to satisfy in every case those who have intrusted us with their orders. We handle nothing but Tools that have been carefully tested and are guaranteed by the manufacturers to be of a superior quality in every particular, but, in addition to this, we personally stand behind every Tool that leaves our store. No doubt you will find many catalogs with lower prices than ours, especially on garden seeds, for we notice in the catalogs of some of the largest seed houses prominent head lines warning their customers against buying cheap seeds, but, on the same page offering onion seed for about one-half of what it actually costs to grow our Globe Onion in the State of Connecticut where every pound of our stock is raised. This is also true of a large number of other varieties, which are grown in California where Chinese labor is employed, and vast quantities of cheap seeds placed on the market, but ten years of rigid adherence to the above principles convinces us that it is unwise to offer anything but the best the market affords, and, in the future, as in the past, we pledge ourselves to serve our trade with the best goods and liberal prices—and in closing we beg leave to thank our customers for the kindly interest they have taken in us and for their liberal patronage.

Very sincerely,

ROSS BROTHERS, 158 to 164 Front Street.

WE WARRANT OUR SEED AS MUCH AS ANY HOUSE IN THE COUNTRY.

WHAT WE GUARANTEE.

That all seeds sold by us shall be as represented; should they prove otherwise, we will refill the order gratis, but we cannot guarantee the crop further, as there are so many causes over which we have no control, that, let seeds be ever so fresh, weather and circumstances may cause a total failure, and while we use the greatest care to have all seeds pure and reliable, we do not give any warrant, expressed or implied. If the purchaser does not accept the seeds on these terms they must be returned at once, and the money paid for them will be refunded.

BAGS USED IN SHIPPING SEED.

All bags used in shipping seed will be charged at the following prices: Two bushel, 25c.; one bushel, 20c.; one-half bushel, 15c.; one peck, 10c., which can be returned at the same price at any time inside of 60 days, provided they are in good order and have not been used for any other purpose. If returned by express, charges must be prepaid.

HOW TO ORDER GOODS.

Parties at a distance ordering seed can send postage stamps, if the order does not exceed \$2.00. Never order goods by freight to be sent C. O. D.; if goods are ordered to be sent by express, the amount of express must be enclosed as a guarantee of payment. Cash must always accompany the order for plants.

ORDER EARLY

as the seed season continues only a few months, there is of course a great pressure of business, and therefore if our customers will send their orders as soon as possible after this catalogue is received, they will be more sure of prompt attention.

..... SPECIAL NOTICE TO CORRESPONDENTS.

We earnestly request our correspondents to be particular and give their NAMES and POST OFFICE ADDRESS distinctly written. We often receive letters lacking this most important requisite. Address all orders to

ROSS BROS., 162 Front St., Worcester, Mass.

The Crimson Beauty Bean.

A NEW BEAN OF GREAT MERIT.

BY ACTUAL TEST THE EARLIEST OF TWENTY-THREE VARIETIES.

TRULY A BEAUTY.

Not only Early but Productive, Vigorous, Hardy, Freer from Rust, and has one of the most Brilliantly Colored Pods of any of the Dwarf Horticultural varieties.

These good qualities, particularly the combination of earliness and beautiful color will make this variety very popular when once it becomes known.

The introducers say of this: "A new bean of great value. No other bean in the list combines so many good qualities for a shell bean. It is the largest bush bean and as early as the earliest, more than two weeks earlier than the *Boston Favorite*, by actual test, planted side by side the past season. The pods are six to eight inches long, speckled with brilliant crimson, making them wonderfully showy. The beans are also speckled and handsome, an inch or more in length when green, and of the very best quality. In productiveness it is marvelous. This having been produced by cross fertilization, to combine beauty of pod and bean, size and extreme earliness, it sports somewhat, hence the beans vary slightly in color, which does not detract from its value." *Such is the Crimson Beauty.* Every one will want it. Stock quite limited. C. E. Knapp, N. Bennington, Vt., says: "Your *Crimson Beauty* is the earliest of *twenty three* long-podded varieties I have raised, and is very productive." Mr. Gibson, Ashurnham, Mass., the originator says: "The *Crimson Beauty* is a cross between the *Boston Favorite* and an extremely early variety of Wax Bean. Its extreme earliness, great productiveness, long brilliantly marked pods, very large, handsome seed of the finest quality, make the *Crimson Beauty* unequalled as a first early shell bean for home use or market. * * * Every one who saw my crop wanted some of the seed. * * * Another season the *Crimson Beauty* has covered itself with glory, have had to refuse many market and private gardeners seed for their own gardening and referred them to you. * * * They were pronounced by those who used them the best green shell beans they ever ate." "The *Crimson Beauty* bean is a beauty indeed, and a great yielder." E. A. First, Huntington, Ind.

As all know who are interested in the culture of the bean, the past season was one of the most disastrous to the bean crop of any that we have had for years. In a trial that we made on our own grounds of the Dwarf Horticultural varieties, the *Crimson Beauty* was the *only one* that amounted to anything, even the Rhode Island Half-Bush being a failure; a variety which we have always thought would stand wet weather better than any of its class. Seed of the *Crimson Beauty* is scarce and consequently comparatively high, but we believe it would pay every progressive market-gardener to give this bean a trial. Order early if you wish to secure any. Stock limited. Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 30c.; qt., 50c.

THE IMPROVED GODDARD OR BOSTON'S FAVORITE BEAN.

Just the Bean Needed to Follow the Preceding Variety.

Since its introduction the Goddard has always been a popular second-early sort. Its hardiness, vigor, large-size beans, and long, straight, handsome, bright-colored pods making it so, but it has always had the vexing habit of running badly, a trait which prevented its use by some. There has, however, a strain of this bean been produced which we believe to be entirely free from this objectionable feature, which is to be known as the Improved Goddard or Boston Favorite which we here offer.

As we before stated the past season was a very trying one for beans and particularly so regarding runners. The continued wet weather would induce the vines to run if least inclined. While we neglected to give this bean a personal trial, we placed enough seed in the hands of some gardeners whose opinions together with the claims of the introducers whose reliability is undoubted lead us to very strongly recommend this variety. It will be found an excellent sort to follow the Beauty and we especially recommend it for that purpose. Pkt., 10c.; pt., 15c.; qt., 25c.; $\frac{1}{2}$ pk., 75c.; pk., \$1.25.

The Worcester Mammoth Pole Bean.

Mammoth Beans, Beautiful Pods, Healthy Vines, Larger, Handsomer,
More Productive, and Sells Better than any other Bean.

We have made strong claims for this bean in the past, and the results which followed its use warrant us in still claiming it to be the *Best Pole Bean in cultivation*. The vines are remarkably strong and vigorous, free from blight and climb the poles well. The pods are very large. The ground of the pods is creamy white, very heavily flaked with beautiful carmine. The peculiar richness and beauty of this coloring of the pods make this the *showiest of all* the Horticultural varieties and the *best selling pole bean known*. The beans have the general appearance of all the Horticultural beans but are of mammoth size. The quality is of the best which, with its size and productiveness, make it as desirable for the home garden as for market. We believe the Worcester Mammoth will entirely supersede the old Pole Horticultural when once tried. If planted in the kitchen garden in connection with the preceding two varieties the three will afford for a long season, continued good picking, enabling the very many who are extremely fond of that *delicious* dish known as "Cranberry Beans" to have the cream of it at any time during the season. Market gardeners also will find this combination a suggestion worth following. Pkt., 10c.; pt., 15c.; qt., 25c.; $\frac{1}{2}$ pk., 85c.; pk., \$1.50.

Special Offer. No. 1.

One large packet of each of the three preceding varieties, by mail, postpaid for 20c.

Davis White Kidney Wax Bean.

The Introducer's Claims and Descriptions are as follows:—

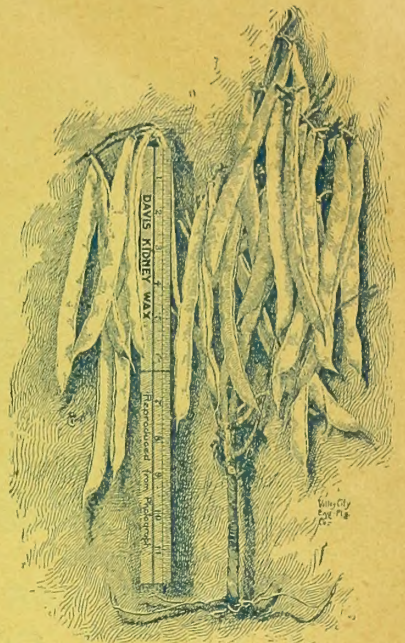
The Most Popular Wax Bean Ever Introduced.

Has a Commercial Value as well as Being the Handsomest and Best Wax Bean in Cultivation.

Will Yield More than Any Wax Bean Known.

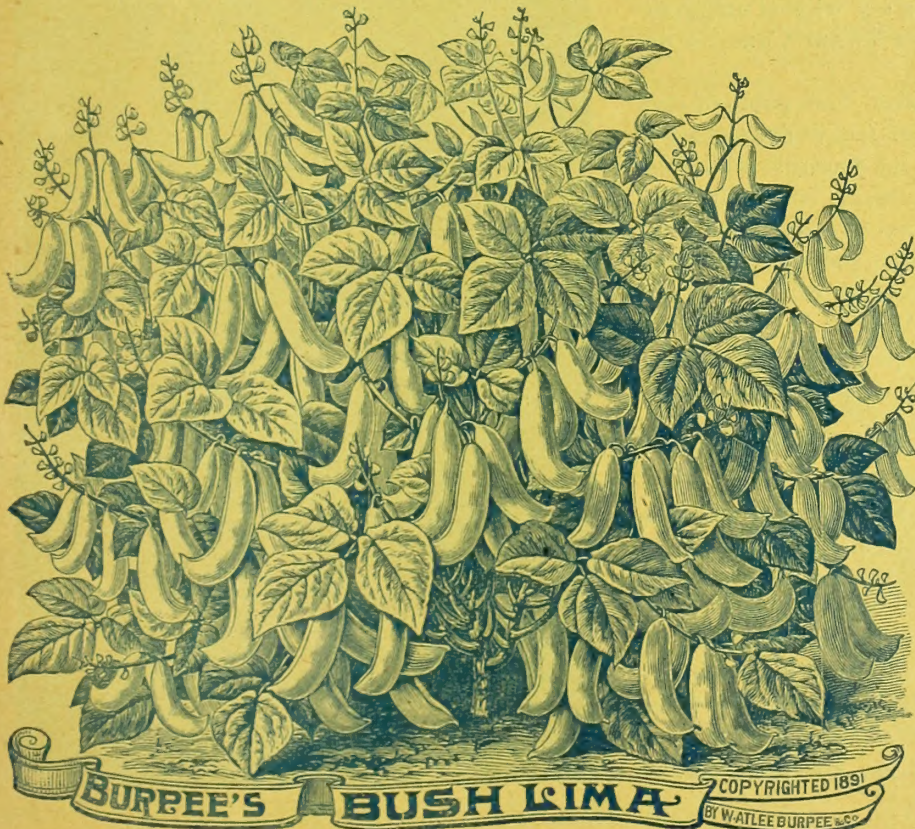
Is Earlier, Hardier, More Prolific, Handsomer, and a Better Seller than Any of all the Wax Varieties.

"When we introduced this Bean, in 1894, we did not over estimate the great value of this sterling novelty. We had reasons to believe it would undoubtedly become the most popular wax bean known, and have not been disappointed in our predictions. In the first place, the plant stands well up from the ground and carries the pod well to the center. Its productiveness is far in excess of any other wax sort, and in earliness it leads the Golden Wax varieties. It is absolutely rustless and produces pods larger and handsomer than any of its competitors. As a bean for the marketman and canners it has no equal. These points of merit are enough, alone, to give it first place, but we must not overlook another great point of superiority, viz.: its commercial value as a **White Kidney Bean, salable in the markets of the world at 25 per cent. more than common White Beans.**" We believe when well known it will be the most popular wax bean ever introduced, both for the market garden and for home use. We especially recommend it to those who prefer white seeded wax beans as being far superior to any other White Wax variety. Pkt., 10c.; pt., 15c.; qt., 25c.; $\frac{1}{2}$ pk., 75c.; pk., \$1.25.



DAVIS WHITE KIDNEY WAX.

BURPEE'S BUSH LIMA BEAN.



Not a New Variety, but one well worthy of Special Mention.

Should be in Every Garden.

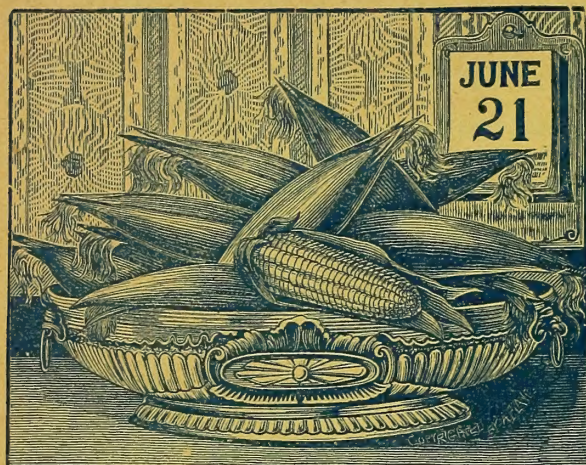
Equal in Quality to the Pole Lima.

We believe that nothing ever introduced in the vegetable line has given more universal satisfaction than this bean. It comes absolutely true from seed. It sprang from the true large Lima, and is the only bush form of this bean. The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from two feet to three feet in diameter. The leaves are of very large size and great substance. It is an immense yielder, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, which are identical in size and luscious flavor to the well known large pole Limas. Pkt. 10c., pt. 20c., qt. 30c., 1-2 pk. 90c., pk. \$1.60.

Special Offer, No. 2.—Collection of Beans. One Packet of Each of the Preceding Five Beans, by mail postpaid, for 30 cents.

Three Varieties of Sweet Corn of Great Merit.

FIRST OF ALL CORN.



THIS variety still continues to be the first in the market without exception. In growth more dwarf than the Cory and free from smut. Has, when dry, the general appearance of that sort, although it often has two to four more rows and is, generally, considered of better quality. It is a good yielder, and we consider it by far the most profitable first early sort. Our stock is grown for us in Connecticut, and is the best that can be procured.

Pkt., 8c. ; pt., 12c. ; qt., 20c. ; $\frac{1}{2}$ pk., 50c. ; pk., 90c.

KENDEL'S EARLY GIANT SWEET CORN.

THE Introducers say of this: After three years of growing and testing, we can say without exaggeration that "KENDEL'S EARLY GIANT SWEET CORN" is the largest Early Sweet Corn known.

The accompanying cut was taken from photo of ears grown on high land on stalks from four to five feet high, and needs no further explanation, the foot-rule telling the story. Gardeners report the corn ready for use in sixty days grown on sand, and seventy-two days on heavy clay. Dealers and truckers report ready sales and are enthusiastic over its large size and productiveness. as well as its white cob and good eating qualities.

Pkt., 10c. ; pt., 15c. ; qt., 25c. ; $\frac{1}{2}$ pk., 75c. ; pk., \$1.25.

EARLY CHAMPION CORN.

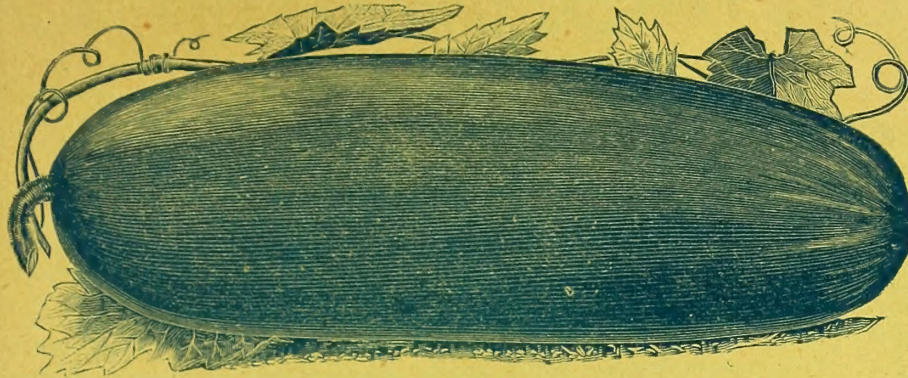
TWO years' trial of this corn has convinced us that it is one of the best. Like Kendel's Giant, it is a *very large, early sort*; has even a **LARGER** ear than that variety, and ripens almost with it. We are informed by some of our customers that, owing to the size of the ear, its productiveness and good quality, they use it for general crop as well as for early. We especially recommend it for planting *with* preceding varieties for succession crops.

Pkt., 8c. ; pt., 12c. ; qt., 20c. ; $\frac{1}{2}$ pk., 50c. ; pk., 90c.



See Special Offer of these Varieties of Corn, Page 13.

The Coming New Cucumber!



LIVINGSTON'S EMERALD

The originators, Messrs. A. W. LIVINGSTON'S SONS, say of this:—"Every season since 1889 we have been carefully working with this variety, and now feel amply repaid for the labor expended, having succeeded in producing what we started out for—**A Dark Green Cucumber That Would Hold Its Color.** Livingston's Emerald retains every good point in the best strains of White Spine, and, in addition, possesses that rich, dark green color which has been so long sought for but never before obtained. It is strictly an evergreen, retaining its color until fully ripe. On sight, its distinct dark green and spineless skin attracts the attention of everyone interested. The fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. As a slicer the flesh is peculiarly crisp and tender, and the flavor most pleasing. The young fruit being dark green, straight and tender, makes an excellent pickle, and when ripe none excels it for making sweet pickles.

FOR FORCING.—For those who grow under glass, or for long distance shipping, it will prove a boon, on account of holding its deep green color so much longer than any of either the Yellow or White Spine sorts; besides its size and uniformity will suit such growers much better than many of the kinds usually recommended for this purposes.

The skin—always a handsome green of the darkest shade—when grown under glass is not excelled for beauty in color and form, even by the best English Frame varieties. It is almost entirely free from "warts and spines," so much so that it may be called **spineless.** As an all purpose table or market variety, whether for gardeners' or farmers' use, it cannot be surpassed."

Sold in Packets only this season.

Packet, 10 cents; 3 packets, 25 cents.

Golden Self-Blanching, or Paris Golden Celery.

Still the Leader of the Self-Blanching Varieties.

The Golden Self-Blanching cannot be too highly recommended. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle and of delicious flavor; while it has the decided merit of being self-blanching to a very remarkable degree. Without banking up or any covering whatever, even the outer ribs become of a handsome, fresh, yellowish-white color. The heart is large, solid and of a beautiful, rich, golden-yellow. The leaves also are of a beautiful golden-yellow after the plant has been bleached, which adds greatly to its handsome appearance when prepared for the table. No variety can surpass, if, indeed equal the Golden Self-Blanching in striking appearance. One of the most profitable varieties for the market. Our stock is true, coming from France, where it originated.

Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

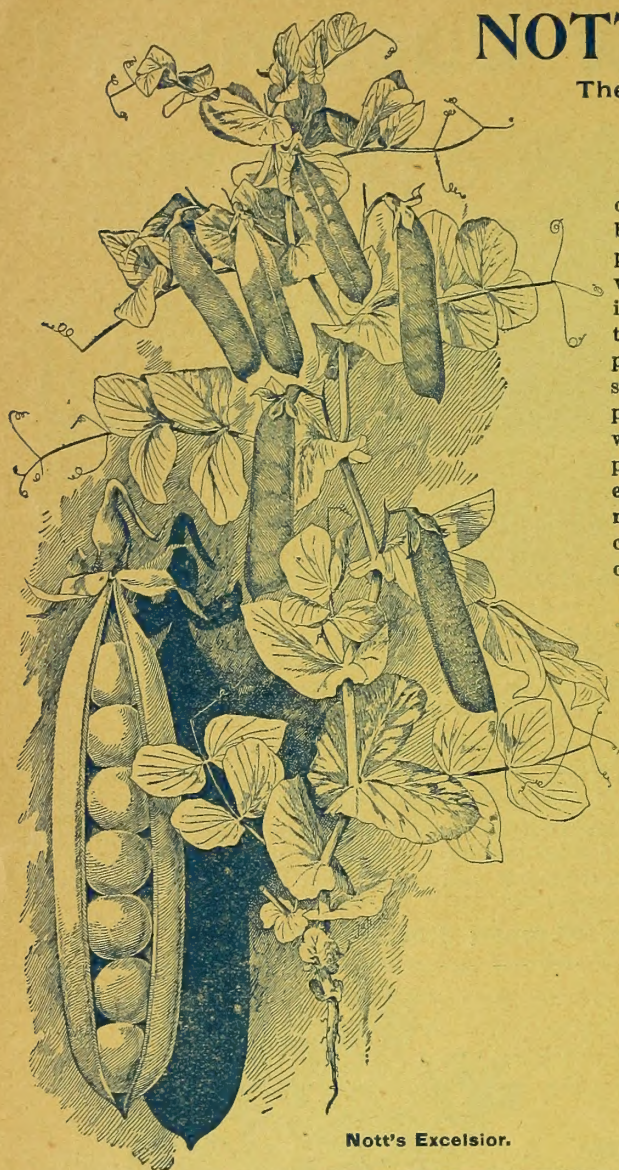


NOTT'S EXCELSIOR PEA.

The Only Very Dwarf Pea Ever a Favorite with
Market Gardeners.

This Pea is one of the greatest acquisitions to our already large list of peas ever introduced, and as we predicted last season it would be, has become a great favorite, particularly with those who were accustomed to plant the American Wonder. Growing about one-half taller than that variety; of more robust habit, it is much more productive and fully equal in quality. It is the only very dwarf sort that was ever used to any extent by the market trade. A large acreage was planted for market the past season by those who had tried it in a limited way the previous season and by many who had but just learned of its numerous good points. One and all unite in its praise and we have yet to learn of one who was not pleased with it. Its very large pod for such a dwarf vine, productiveness, thrifty growth, combined with its earliness which enables the gardener to clear the ground in good season for a second crop makes it the popular variety it is. Its purity of growth (rarely, if ever, can a sport or false vine be seen) is particularly noticeable, which characteristic should strongly commend it to all when so many of our good sorts have the vexing habit of running astray. We feel that we cannot too highly praise this pea for both market and home use.

Pkt., 10c.; pt., 15c.; qt., 25c.; 1-2 pk., 75c.; pk., \$1.25



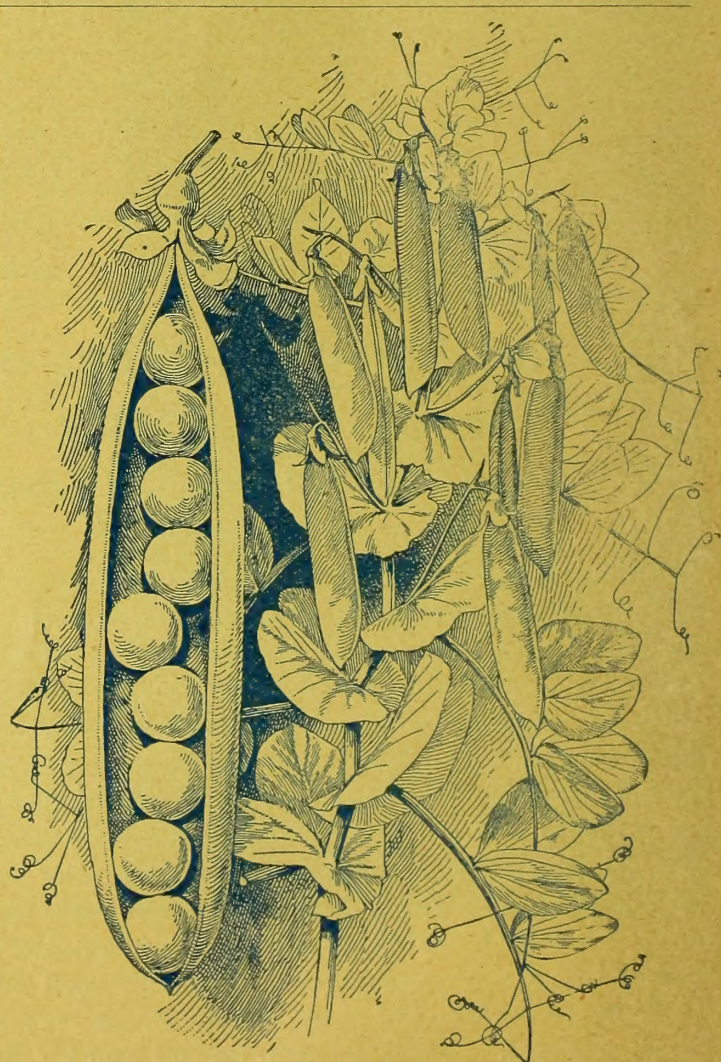
Nott's Excelsior.

The Improved Stratagem Pea

THE BEST OF THE LARGE
PODDED VARIETIES.

This Pea is a fit companion for the preceding variety and should be in every garden. The Stratagem has, since its introduction, been a favorite with many but had previous to the introduction of the improved type, been growing in disfavor on account of its liability to sport and have many vines which produced only small worthless pods. In the Improved Stratagem however we have a variety which has none of the defects of the original strain but with all its good points. We believe it is the best of its class either for home or market purposes. It is of rank, healthy, vigorous growth, about 2-2 1/2 feet high, producing an abundance of the largest pods, well filled with dark green peas of exceptional sweetness and flavor. We wish to remark here that we wonder why many will keep on planting, year after year, Marrowfat peas when such delicious sorts as this are so easily procured. If any words of ours could induce such to try this grand variety we should feel that, in a way, we were public benefactors. Give this at least a limited trial and be sure you will make no mistake in planting it to any extent.

Pkt., 10c.; pt., 15c.; qt., 25c.; 1-2 pk., 75c.; pk., \$1.25



Improved Stratagem.

Gregory's Surprise Pea.

Found at last—A Wrinkled Pea fully
as early as the earliest of the hard pea.

THIS variety is introduced by the veteran seedmen, JAS. J. H. GREGORY & SON whose description we quote in full. **IT IS THE VERY EARLIEST OF THE WRINKLED VARIETIES**—the Station, Eclipse, American Wonder and Nott's Excelsior not excepted. Compared with the early hard sorts it will be found to be decidedly earlier than many of them, including the well-known Alpha and Maud S., while it is as early as the very earliest of them. Vines grow 24 inches high and need no bushing; pods well filled, containing 6 or 7 peas; not as large as the American Wonder, but is a far better cropper and ready for the market days before it.

Gregory's Surprise is one of Mr. Horsford's creations, he having obtained it by crossing "Earliest of All," on the "American Wonder," and the result is a wrinkled pea as early at the "Earliest of All" with the quality of the Wonder.

Writes E. S. Carman of the *Rural New Yorker* (than whom there is no better authority as we seedmen well know) "Gregory's Surprise pea is the earliest pea we have ever tried. The seeds were planted April 18 and we picked the first mess June 7. The Triple X (First Early) was not ready. Picked second mess June 12. It is a prolific variety, with six or seven peas in a pod." The *New Yorker* had tested the Station, American Wonder, Nott's Excelsior. Editor of *Maine Farmer* writes, "The Surprise did wonder—

"Both varieties were planted May 13 and the Surprise reached edible maturity July 9 and the Hancock July 10." Rev. J. Reynard Lawrence of North Egremont writes: "The Surprise pea is immense, maturing at the same time as Triple X Earliest. It is a far better pea. It is the *best* early pea. You cannot commend it too highly." Writes the Editor of the *New England Farmer*: "Of thirty-three varieties on trial, Gregory's Surprise was the first to pick and the first to dry down."

The sum of this testimony, which agrees with our own experiments for three seasons, is that in the Surprise we have a new wrinkled pea *fully as early as the earliest of the hard peas*. If it has the hardiness of its parent, Earliest of All, the knell of the early class of hard peas has struck, for the public well know that they are inferior in quality, and will cease buying them as soon as they can find a wrinkled pea in the market.

For four years in succession two crops have been matured on the same ground where the first crop was planted in each case being produced from the seed of the first crop. Pkt. 15c., pt. 35c., qt. 60c., pk. \$4.00.



fully well and quality was delicious." Mr. Benjamin Dodd, who is an experimenter with new peas, says: "I planted Hancock and Surprise, side by side the same day, and gave them the same treatment. I picked the Surprise four days before the Hancock." The New Hampshire Agricultural College reports: "Each sort (Hancock and Surprise) planted May 18. July 8 picked 2 lbs. 3½ oz. Surprise; 1 lb. 1 oz. Hancock." Connecticut Agricultural Station reports: "Surprise were planted May 9. First picking made June 26. Hancock planted May 11, were ready to pick June 29." I would here note that year after year I have found the Hancock to be in the very front rank of the hard peas, both for earliness and yield. The Massachusetts Agricultural College reports:

ANOTHER NEW PEA---ALLAN'S DWARF TELEPHONE

This new pea offered for the first time by the John Allan Seed Co., of Picton, Ontario, Canada, was bred by Mr. Allan of that company, who has made a life study of the business and than whom there is no better judge of what goes to make a good pea. We consider it a great recommendation of this new variety that it is put on the market by this reliable firm, and we feel sure that it is worthy a trial by every one.

They describe it as follows:

"Having for a long time realized the value of a pea with dwarf vines bearing large handsome pods with peas of highest quality without the long vines of the Telephone, more dwarf than the Stratagem and what is most important of all, regular and uniform in growth, without the tendency to sport that has caused so much annoyance and loss to those who have grown the Stratagem, we have for years been breeding up a pea that will fill the above requirements, and now offer for the first time under the name of Allan's Dwarf Telephone. Height: under high culture, eighteen inches. Habit: dwarf, stocky, healthy and vigorous, remarkably uniform in height with almost no tendency to sport, very productive, plants frequently bearing from five to seven pods. Season: medium, from five to seven days earlier than the Stratagem. Pods: long, frequently five inches in length, broad, straight, rounded or curved at the end, remarkably well filled, often containing ten peas, color, pale green, thick and of good lasting quality for market purposes. Seed of largest size, tender and of delicious flavor when fit for the table, light green and much shrivelled and shrunken when dry. We offer this pea to our customers as it is sure to become exceedingly popular, and confidently recommend it to the trade as it will fill a long felt want."

Pkt. 15c., pt. 25c., qt. 40c., 1-2 pk. \$1.25, pk. \$2.25



A Wonderful Tomato.—THE IMPERIAL

The originator, Mr. Halladay of Bellows Falls, Vt., writes us regarding this wonderful tomato as follows: "As to the New Imperial Tomato I will say that it originated with me seven years ago, and I have been working to improve it ever since. I have tested it with over 100 of the best sorts, and with me it is always the earliest and best. My experience with it is, that it is the earliest, most solid, and most productive, perfectly smooth tomato on the market. It ripens evenly, is the best flavored and more than twice as productive as any other known variety. In 1895, with only common field culture, I grew 7000 bushels of ripe, selected New Imperials from less than 4500 plants, or one and one-half bushels to a plant on an average; this season I picked from a single plant three pecks of ripe Imperials, and this was at the 5th or 6th picking, and I left more than three pecks of green ones on the plant. It is the handsomest tomato grown; I always get first premium at the fairs. Any person who wants the BEST TOMATO will buy the Imperial."



A reliable western seedman after a trial of it says: "In productiveness it is a wonder, second to none either early or late. Vines continued to grow and produce wonderfully until killed by the frost, and then there was more green fruit than most varieties bear in a whole season. Wherever the market demands a purple tomato the IMPERIAL is the one for the Market Gardener to plant, even to his whole ground. It's a good one. It ripens from two to three weeks earlier than the Dwarf Champion, and will produce more fruit of better color larger size and far better quality before a single specimen of Dwarf Champion is ripe than the latter will produce in a whole season."

We consider this a very high recommendation coming from a party who probably was not particularly interested in the sale of seed.

Tomatoes were an entire failure in many sections of the country and a partial one in nearly all of the east. In our locality this variety was altogether the nearest to a success some gardeners saying that they should have made a good thing on tomatoes if they had used nothing but the Imperial.

Pkt. 5c., oz. 25c., 1-4 lb. 75c.

TRUE GLOBE SHAPED ONIONS.

BEST TO YIELD, KEEP, OR SELL.

A Feature of Our Seed Business to which we Have Always
Given Particular Attention and are Constantly
Striving to Improve.

The Best is Only Good Enough--Buy the Best.

Do not be misled by the statements of some seed houses (and good houses, too), who only sell western seed, that Globe-shaped onions are late. They are EARLY ENOUGH TO RIPEN ANYWHERE AND PRODUCE TWENTY PER CENT MORE of much better onions, which will bring a higher price than the common western stock.

TRUE YELLOW GLOBE DANVERS.—This variety is our leading one, and varies but little from the Southport Yellow Globe, that variety being a trifle thicker and a little later. We have no desire to exaggerate when praising this strain of seed; but we do not hesitate to say that there are none better and but few that equal it. With very small necks they ripen down early, with but few scullions, on suitable soil. Of perfect globe form, uniform growth (in good years hardly any too small for market), skin of a beautiful, deep yellow and, while not thick, is very tough, making it an excellent keeper, a most desirable quality when raised for market. All in all, we believe it is what we claim, *the best*. Our seed of this, and of all the Globe varieties, is New England grown, from carefully selected onions. Our grower for '98, who is himself a large grower of onions as well as seed, who annually buys thousands of bushels for Boston, Providence and neighboring city markets, to whom we sent in Oct ('97), some onions for seed stock, writes us that he "never saw any of better size (very uniform) than those you sent me, and they certainly are a very superior lot." We could fill pages with testimonials from customers if we could afford the space. We offer this choice seed again this year at a very low price, considering quality. See prices on all at bottom of page.

SOUTHPORT LARGE RED GLOBE.—This variety of onion is, in our opinion, the handsomest in cultivation, perfect in shape, small necked and of beautiful color. It has also the quality of being a good keeper, and is thought by some to be of milder and better flavor than the Yellow sorts. A little later than the preceding.

SOUTHPORT WHITE GLOBE.—Also a very attractive onion and, while not cultivated to any great extent, brings the highest price in all markets. The only white sort which we ever knew to be even a fair keeper. Seed of this always costs more, but we have decided this year to sell all at uniform price.

SOUTHPORT YELLOW GLOBE.—Similar in shape to the Southport Red and White and varying but little from the True Globe Danvers. It is fixed in type and much less liable to produce some flat onions than the Globe Danvers. Largely grown in Connecticut, and should be more generally cultivated everywhere.

EARLY RED GLOBE—TRUE SHAPE.—This onion differs from most strains known as Early Red Globe, in being true globe shape, the others being merely thick flat ones. It is about ten days earlier than the Southport, not quite as large but of good marketable size; ripens uniformly; of good color; fine grained and tender. It is, in fact, altogether the best Early Red we have ever seen.



PRICES ON ALL VARIETIES.

Pkt., - - - -	\$0.05.	Oz., - - - -	\$0.20.
1-4 lb., - - - -	.50.	1 lb., - - - -	1.50.
5 lbs., - - - -	\$7.00.		

Special Prices on Twenty Pounds or More.

If, after what we have said, price is still more of an object than quality to some, please bear in mind two facts: That the seed we offer as our Best is *truly that*, and should not be compared with the seed offered by good reliable houses at \$.80 to \$1.00 per pound; and that we also offer a strain of California grown Yellow Globe Danvers as reliable as any at an unheard of low price. (See General List of Onions.)

We Have **Eureka Corn.** Found It.

The variety that leads all for **Ensilage.**



EUREKA ENSILAGE.

ANOTHER year's trial only convinces us that we were fortunate when we secured control of this Corn. Our trade has steadily increased year by year because of its merits. It is a well known fact that plants raised in a southern climate have more foliage than those grown in a northern. The southern farmer uses no other hay for his working stock than the leaves of corn; not by cutting down the stalks as we do, but by stripping the blades from the stock. Therefore it is desirable to grow corn with the *largest amount of foliage possible*. In this respect there is a great difference in what is called Southern Corn; some varieties producing nearly double the amount of green fodder that other do. This particular strain of Ensilage Corn which we introduced to the New England trade and which *has given great satisfaction to those who have used it, is grown especially for us* by one of the most reliable planters in Virginia, and who by careful selection for fifteen years has secured a strain of seed *superior to any others* for ensilage purposes.

It was obtained by selecting from the True Southern White the stalks which produced the largest amount of foliage and greatest number of ears, and, with proper fertilizing will grow from fourteen to eighteen feet high, and often times four and five ears to the stalk. Our seed was all shelled from the ear by hand and will all germinate.

We have entire control of this variety. Purchasers should make sure when buying of other parties, that they obtained their supply of us.

Bushel, \$2.00; three bushels, \$5.00.

* * *

Mr. W. C. Jewett, Worthy Master of the Massachusetts State Grange who was winner of the special premium (a Spring Tooth Harrow) which we offered for the best twelve stalks of this corn at the Bay State Fair held in this city last September writes as follows: "I have used the Eureka corn for several years by the side of other varieties and consider it superior in the amount of weight of green fodder to anything I have tried. One characteristic of it is,

that it throws out broad leaves the entire length of stalk. If planted in good season will produce a large number of ears." Mr. A. L. Work, Trustee of Shaker Society, of Shakers, N. Y., writes: "We were very much pleased with the Eureka Corn, it was the best of all kinds we grew last year."

POTATOES!

CHOICE SEED GROWN IN

Aroostook County, Maine & Jefferson County, N. Y.

Progressive Farmers Change Seed Often---And Make Money.

Last year was so unfavorable for the potato crop that it has been impossible for us to secure choice stock entirely in Maine, and while we much prefer stock from that source we have thought it advisable to use good stock from New York rather than any that was in any way doubtful from Maine. The probability is, at this date, that the crop will be short on some varieties. Owing to this and the general uncertainty of the market these prices are subject to change without notice.

Prices uniform on all varieties. Pk. 40c.; bush. \$1.50; bbl. \$3.75.

NEW QUEEN.—Very closely resembles the Beauty of Hebron, but is considerably earlier. A grand yielder, of extra quality; a very popular sort. Our sales of this potato last season were again very large.

EARLY NORTHER.—Also very early. A seedling of the Rose, which it resembles in shape and color. One of the largest yielders of the early varieties.

BEAUTY OF HEBRON.—This well known standard variety continues to be very popular. Skin white slightly flushed at eye.

EARLY ROSE.—This standard variety needs no description; it is sufficient to say that most new early varieties are compared with this in point of earliness and quality.

CLARK'S No. 1.—Thought by some to be earlier and more productive than the Rose; similar in appearance.

EARLY ESSEX.—A very popular potato in Massachusetts and Connecticut. Not as well known in other localities. Resembles the Rose, of good size and of excellent quality.

PEARL OF SAVOY.—A cross between Clark's No. 1 and Early Vermont. Resembles the Early Rose. Popular throughout New England.

HAMPDEN BEAUTY.—Originated in Vermont; a sport of the Beauty of Hebron. A little later than that variety. Skin white, slightly rough; cooks mealy, and is one of the showiest potatoes grown.

POLARIS.—One of the earliest white varieties, resembles the Hampden Beauty; a popular potato in all sections.

THE FREEMAN.—Reports vary as to the earliness of this variety. Probably not the earliest, but ripens with the early sorts; skin white. In cooking qualities equal to the Old Snowflake, which variety it resembles.

RURAL NEW YORKER No. 2.—This second early sort originated on the experimental grounds of the Rural New Yorker. Very large and smooth, in form oblong, inclined to round; skin and flesh white, of superior quality.

CARMAN No. 3.—Claimed by the introducers to be by far the best late potato; the greatest yielder ever introduced; largest and handsomest tubers; finest quality. Best of all for field culture.

GREAT DIVIDE.—A new late sort. Tubers oblong, white and of fair quality. A heavy yielder.

WHITE ELEPHANT, OR LATE BEAUTY OF HEBRON. Identical in appearance with the Beauty of Hebron but later. A good cropper.

WHITE STAR.—An old, popular variety; skin white, smooth. A large cropper and good yielder.



HOLLOW CROWN PARSNIP.

This strain of parsnip while not a new one is so much superior to the average quality of seed sold by most seedsmen, that we feel it should have more notice than we can give it in our general list so place it here with the newest varieties of vegetables. The roots of this strain are considerably shorter than the old Long Smooth, and are consequently much easier to harvest. They are of larger diameter, slightly depressed at top or crown; much less liable to grow prongy; fine grained and of excellent quality. They grow of uniform size and are of just the right proportions to make a handsome appearance in a market box. The Hollow Crown is the only sort suitable to grow on strong, heavy soils as the Long Smooth on such soils is so liable to grow prongy and so deep that it is impossible to properly harvest them, many break so far up on the root as to make them practically worthless for market. Our strain of Hollow Crown is in fact the perfect parsnip for all soils. Try it.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

GREEN MOUNTAIN SQUASH.

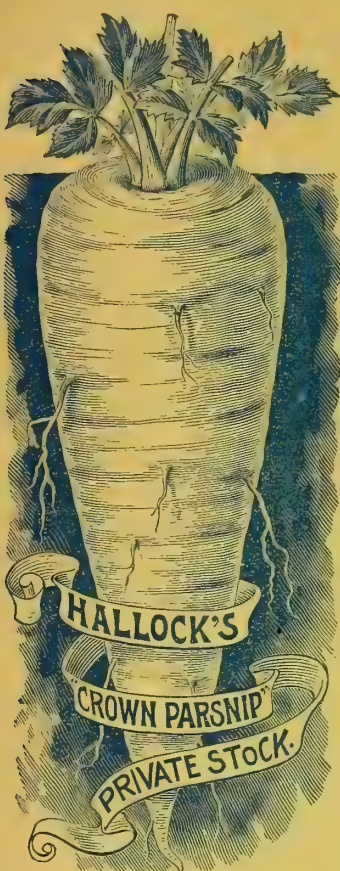
The introducers say of this squash: "This sterling novelty originated in Northern Vermont and we think it the best winter squash of recent introduction. Although somewhat like the Hubbard, this grand variety differs materially from that old and popular sort in being superior in point of size as well as in sweetness and color of flesh. The fruit is uniformly round, symmetrical and larger than the Hubbard, and has a beautiful netting of darker green instead of the wartiness of that variety. The rind is thin but hard and the flesh very deep orange red, without any of the objectionable green tinge near the rind, so common in the best winter sorts. It cooks very quickly and evenly and is the best of all squashes for pies. The vine is hardy, early and certain to mature the large crop it produces."

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

THE WARREN SQUASH.

This variety was discovered a few years ago in a field of Essex Hybrid, three squashes being found on one vine which, while having the general form of that variety were yet quite distinct from the rest in that they had rough, warty and thicker shells and were of richer color. The seeds of this variety were planted and the type fixed. It became a popular sort at once and is now grown extensively for Boston markets. The wartiness, thickness and hardness of the shell and the richer, deeper color are not the only improvement, for the quality is decidedly better

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.



GOLDEN HUBBARD.

This is a very distinct sort of the shape and general character of the Hubbard but a little smaller; earlier to mature and a rich orange red instead of the dark olive green color of the old Hubbard, while the flesh is a little deeper colored and fully as good quality.

Pkt. 10c.; oz. 15c.; 2 oz. 25c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.



GOLDEN HUBBARD.

TWO EXTRA EARLY TURNIPS.

WHITE MILAN.

The earliest, showiest and best early white turnip ever offered to the trade. The pure white roots are very smooth and handsome, tops are small, upright and compact allowing close planting. It is withal tender and sweet.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

PURPLE TOP MILAN.

Similar to the White Milan but roots are a little flatter and purplish red on top. This also is a very showy and excellent sort, and we believe the earliest turnip in cultivation.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.



PURPLE TOP MILAN.

Pre-Historic Corn.

Claimed by the introducers to have been found in a burial mound in Arkansas and that it must have been placed there over three thousand years ago.

Rev. Dr. E. S. Curry, the discoverer, says:

The Pre-Historic Corn has been grown on my farm in Missouri successively and successfully for eight years. The prevailing color is a beautiful dark bronze, gliding to a light bronze. I have raised stalks fifteen feet high, the blades seven inches broad, and ten feet five inches from tip to tip on opposite sides of the stalk, with eleven ears on the stalk. It is a wonderful deep feeder, willingly and from choice sending its roots to the subsoil, and thrusting its roots down deeper during a drought.

Mr. J. H. Beagley, Ill., the well known corn specialist and publisher of the *Corn and Hog Journal*, says:

I have had this corn fully tested in various parts of the country, and find Dr. Curry's statements regarding its wonderfully luxuriant and prolific qualities fully verified.

Mr. Timothy Herrick, of Staatsburgh, N. Y., to whom we sold quite a quantity last year, in reply to our inquiry as to results, writes us as follows:

STAATSBURGH, N. Y., January 20, 1898.

MESSRS. ROSS BROS.:

Gentlemen:—Yours of the 18th came last night. Yes, we did plant some of the Pre-Historic Corn and think it will prove a good Ensilage Corn. I wanted the corn to plant another year so let it stand until frost come. I did not plant it until the 3rd of June and fear the ears did not get hard enough for seed, but perhaps some of it will grow. I should have planted it first of May instead of first of June. The growth was good, averaging fully 10 feet high and well furnished to the ground, and the stalk not large for the height. I may want some more seed this spring. Will the price be any less than last spring?

Yours truly,

TIMOTHY HERRICK.

Pkt. (300 grains) 25c.

Collections.

These collections are all put up before our busy season; no change can be allowed in them and at the low prices at which we offer them we cannot allow any other discount to apply on them. When ordering give NO. or LETTER and NAME.

Our Collections are exactly
what we claim for them:



Best Seeds, Full-Sized Packages at Special Prices.

Ross Bros'. Collections of Sweet Peas.

COLLECTION A, 25 CENTS.

Nine Named Varieties.

Worth at Catalogue Rates 45 Cents.

One package each, Blanche Ferry, Butterfly, Boreatton, Blushing Beauty, Countess of Radnor, Cardinal, Her Majesty, Mrs. Eckford, Orange Prince. See colored illustrations on front cover.

COLLECTION B, 50 CENTS.

Nineteen Named Varieties.

Worth at Catalogue Rates 95 Cents,

Includes Collection A, and one package each of the fol-

lowing ten varieties: Captain of the Blues, Emily Henderson, Venus, Captain Clarke, Senator, Dorothy Tennant, Apple Blossom, Gaiety, Ignea, Primrose.

Worcester Collection, \$1.00.

Thirty-five Named Sorts.

Worth at Catalogue Rates \$1.90.

Includes Collection B, White Cupid, New Pink Cupid, and all the leading Novelties. By mail, postpaid, one dollar.

SPECIAL 25c. COLLECTION.

Ten Named Varieties. Our Selection.

Worth 50 Cents; 25 Cents Postpaid,

No. 1 COLLECTION OF FLOWER SEEDS, 50 CENTS.

All of the varieties named are good, many of them new ones. The numbers attached to each variety of flowers indicate the number in the General List where descriptions will be found.

Seventeen choice varieties worth at catalogue rates 95 cts.

Aster, 9; Alyssum, 3; Balsam, 19; Bachelor Button, 21; Calendula, 24; Calliopsis, 26; Candytuft, 29; New Brazilian Morning Glory, 62; Sweet Mignonette, 76; Nasturtiums, 87; Pansy, 97; Petunia, 100; Phlox, 103; Poppy, 112; Portulaca, 117; China Pink, 106; Zinnia, 137.

No. 1 COLLECTION OF VEGETABLE SEEDS, 50 CTS.

Seventeen Packages of standard vegetable seeds worth at catalogue rates 95 cents.

Beans, Currie's Rust Proof Wax; Beet, Eclipse; Cabbage, Stonemason; Carrot, Danvers; Corn, First of All; Cucumber, White Spine; Cucumber, Boston Pickling; Lettuce,

Silesia; Lettuce, Hanson; Muskmelon, New Cosmopolitan; Watermelon, New Sweetheart; Onion, Choice Danvers; Radish, Scarlet Globe; Squash, Summer Crookneck; Squash, New Chicago Hubbard; Tomato, Dwarf Champion; Turnip, White Egg.

No. 2 COLLECTION OF VEGETABLE SEEDS, \$1.00.

Thirty-five packages vegetable seeds worth at catalogue rates \$2.05.

This collection includes the preceding collection with the addition of the following eighteen varieties, making a complete assortment:

Beans, Worcester Mammoth; Beet, Edmands; Cabbage, Peerless; Cabbage, All Seasons; Celery, White Plume; Corn, Evergreen; Carrot, Long Orange; Parsnip, Hollow Crown, Pepper, Bell; Peas, Nott's Excelsior; Peas, Improved Straiagem; Pumpkin, Sugar; Radish, Long Scarlet; Sage, Broad Leaf; Spinach, Round; Squash, Mammoth; Turnip, Sweet German; Tomato, Perfection.

Special offers of Corn--FIRST OF ALL, KENDEL'S EARLY GIANT, EARLY CHAMPION.

No. 1. One Pkt. each, by mail, postpaid, for.....15 cents.

No. 2. One Pint each, by mail, postpaid, for.....40 cents.

No. 5. Four Quarts each, by express, for\$1.25

No. 3. One Quart each, by mail, postpaid, for... 70 cents.

No. 4. One Quart each, by Express, for.....50 cents.

New Dwarf Sweet Pea---PINK CUPID.

This little wonder, like the original Cupid, hails from California. It is not a sport from the original White Cupid, but an actual departure from its parent, the tall Blanche Ferry. In habit and manner of growth it is strictly a Cupid, spreading from the root, from a foot to eighteen inches around, growing from six to eight inches high, and shooting up stems about six inches long, which bear, in full bloom at once, from three to four handsome blossoms, all borne close to the end of the stem.

The standard is a bright rose-pink, while the wings are pure white or light pink. The wings are very large and finely formed; when pressed back against the standard they extend fully a quarter of an inch beyond it.

The substance of the blossom is peculiarly heavy and it will appear fresh and vigorous in a glass of water long after its long-stemmed parent has withered and died. The plant itself is vigorous and hardy, and those who had poor or indifferent success with White Cupid will find PINK CUPID EASY TO GROW ANYWHERE. The seed which is black, is of wonderfully strong germination, and the plant an early bloomer, coming into bloom simultaneously with White Cupid.

It is also delightfully fragrant, and will be admired by every one who sees it.

Pkt. 15c.; 2 pkts. 25c.; 10 pkts. \$1.00.



A Single Plant, exactly engraved from a photograph.

Two New Giant Flowered Sweet Peas---The Best of all the Recent Introductions.

"BLANCHE BURPEE."

Eckford's Giant White Sweet Pea.

A white seeded, pure white of exquisite form and immense size, having a bold, rigid, upright, shell-shaped standard of great substance; is a wonderfully profuse bloomer and absolutely free from the objectionable notch so conspicuous in Queen of England. It usually bears three flowers on a stem; a very chaste variety, and by far the finest White Sweet Pea ever produced.

Pkt. 5c.; oz. 10c.; 1-4 lb. 25c.



AURORA.

It is impossible to over-praise the striking beauty of this gigantic-flowered new Sweet Pea. The flowers are of fine substance, full expanded form (as shown in the illustration), and are truly gigantic in size.

The immense flowers are borne three and four on a stem; the stems are extra long and strong. The vines are vigorous in growth and bloom most profusely. The color effect is gorgeous; both standard and wings are flaked and striped on a white ground, with bright orange salmon.

Pkt. 5c.; oz. 15c.; 1-4 lb. 35c.



SWEET GENERAL LIST. PEAS.

The following list contains all of the old varieties of merit and nearly all of the later ones including many novelties, and is one of the most complete lists ever offered; arranged in color groups (instead of alphabetically) *the best types appearing first in each group.* This arrangement was suggested to us by a perusal of the *Sweet Pea Review* which is the most complete book of the kind ever published, and is the only existing critical authority on all varieties of Sweet Peas. It is edited and published by the oldest growers of Sweet Peas in California whose years of experience in the extensive culture of this flower make them an authority on the subject. Our stock of seed was grown on contract by the growers and is of our usual superior quality.

All varieties at the extremely low and uniform price of 5 cents per packet; 10 cents per ounce; and 25 cents per quarter-pound, unless marked with * when the price is 15 cents per ounce and 35 cents per quarter-pound.

White.

- 1 Blanche Burpee.
- 2 Emily Henderson.
- 3 Mrs. Sankey.

Yellow.

- 4 Mrs. Eckford.
- 5 Primrose.

Pink.

- *6 Prima Donna.
- *7 Lovely.
- 8 Katherine Tracy.
- 9 Blushing Beauty.
- 10 Royal Robe.
- 11 Mrs. Gladstone.
- 12 Isa Eckford.

Rose.

- 13 Lady Penzance.
- 14 Ovid.
- 15 Her Majesty.
- 16 Miss Hunt.
- 17 Oddity.
- 18 Novelty.
- 19 Splendor.
- 20 Adonis.

Scarlet.

- *21 Brilliant.
- 22 Firefly.
- 23 Cardinal.

Crimson.

- *24 Mars.
- 25 Ignea.

Between Scarlet and Crimson.

- 26 Princess Victoria.
- 27 Duchess of Edinburgh.

Bluish Mauve.

- 28 Celestial.
- *29 New Countess.
- 30 Princess May.
- 31 Countess of Radnor.

Reddish Mauve.

- 32 Emily Eckford.
- 33 Dorothy Tennant.

Magenta.

- 34 Captivation.

Approaching Blue.

- 35 Captain of the Blues (same as Grand Blue.)
- 36 Madam Carnot.

Claret.

- 37 Duke of Clarence.
- 38 Waverley.

Deep Maroon and other deep, closely-allied tints.

39. Stanley.
- 40 Monarch.
- 41 Boreatton.
- 42 Indigo King.
- 43 Purple Prince.

Blendings.

Delicate.

- 44 Crown Jewel.
- *45 Coquette.
- 46 Venus.
- 47 Lemon Queen.
- 48 Peach Blossom.
- 49 Alice Eckford.
- *50 Creole.
- 51 Delight.
- 52 Crown Princess of Prussia.

Standards and wings of slightly different tints.

- 53 Lady Beaconsfield.
- *54 Countess of Shrewsbury.
- 55 Bronze King.

Flaked and clouded effect.

- *56 Royal Rose.
- 57 Apple Blossom.
- 58 Eliza Eckford.
- Rich Metallic.*
- 59 Meteor, deep gilt.
- 60 Rising Sun, pale gilt.
- 61 Orange Prince, gilt.

Suffused and narrowly edged—with lavender.

- 62 Lottie Eckford.
- *63 Maid of Honor.

- *64 Golden Gate.

- 65 Butterfly.
- With rose.*

- *66 Countess of Aberdeen (first pure stock offered.)
- Penciled effect.*

- 67 Fairy Queen.
- Tricolor.*

- 68 Captain Clark.

Contrasting Shades — Standards and Wings in different tints.

- 69 Little Dorrit.
- 70 Extra Early Blanche Ferry.
- 71 Blanche Ferry.
- 72 Duke of York.
- 73 Empress of India.
- 74 Painted Lady.

Variegated Sorts.

Orange-rose tinted.

- *75 Aurora.
- Rose tinted.*
- 76 Mrs. Joseph Chamberlain.
- 77 Mikado.
- 78 Gaiety.

Pink tinted.

- 79 Ramona.
- 80 Duchess of York.

Bluish mauve.

- 81 Juanita.
- Speckled effect.*
- 82 Gray Friar.

Chocolate and purplish-mauve tinted.

- 83 Senator.
- 84 Princess of Wales.
- Scarlet and Crimson tinted.*
- 85 America.
- 86 Daybreak.

Departures.

In habit of growth.

- 87 Cupid.
- In form of flower.*
- 88 Red Riding-hood.

Our Choice Mixture.

This choice mixture is made by us of about sixty named sorts of undoubted merit, and includes both old and new varieties mixed in right proportions as to color, with none of the old inferior sorts. It is well worth more money than we ask for it

Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 65c.

MIXED SWEET PEAS.

Our BEST Mixture.

This mixture is made of the large flowering varieties and contains nearly all of the recent introductions. Particular attention is given to the right proportion of colors as well as to the size of the flowers. It will be found on trial to be exactly what we claim, "The Best."

Pkt. 5c.; oz. 15c.; 2 oz. 25c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00

Our Mixtures and Collections of Sweet Peas are growing more popular every season. The reason:

BEST GOODS!

New Climbing Nasturtiums. "Hybrids of Madame Gunter."

The introducers describe this new wonderful Nasturtium as follows: For richness and variety of colors, these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. The foliage is mostly dark, and contrasts very effectively with the rich colors. They are climbers and are free and continuous bloomers.

Pkt. 10c.; oz. 25c.

Imperial Japanese Morning Glory.

This new flower with its wonderful diversity of color is truly remarkable and is one of the most valuable acquisitions introduced for years. The flowers are from three to six inches in diameter with an endless variety of rich, yet delicate, markings, excelling in this respect any flower with which we are familiar. Mr. A. W. Smith of Georgia, the largest grower of this flower in the United States and probably in the world, from whom we purchased our seed, says of this wonderful flower and of his seed: To begin to describe the colors, shadings, hues, combinations of colors, variations in markings would be impossible. Indeed the beauty and variations are indescribable and can only be appreciated when seen. One vine will bear blossoms so different that it would seem impossible. As to size and markings of blooms my seed will produce, I will simply say that none of the colored plates in catalogues I have seen begin to equal them. The foliage also varies in shape as well as color, latter being from dark green through all shades of green to light yellow, some being variegated with whitish and yellowish green on darker ground. My stock seed was selected by going in person and gathering 10 to 15 seed from each of the thousands of vines and mixing the whole. This will, I believe, give me the best stock and largest variation in shapes, hues and colors that the world can now show, and superior to any one stock grown anywhere, for the thousands of vines growing together must have hybridized and will cause all the more curious and freakish markings besides bringing forth still more innumerable shades of color. Those I had the past season not only were of every shade of red, violet, darkest purple, blue (from Indigo to Heavenly), pinks, white, chocolates and smokes in solid colors, but there would be dark blue with white border, white with streaks of dark blue, chocolate with white border, red and pinks with white border and vice versa. It is of easy culture, a vigorous rapid grower flowering in a few weeks after planting.

Pkt. 10c.



BULBS FOR SPRING PLANTING.

Cannas. THE BURBANK. The New Giant Orchid Flowered Variety. This wonderful new Canna is of the most beautiful canary yellow, spotted on the lower part of inner petals with fine dark red; grows about five feet high and is one of the most beautiful varieties ever introduced. 25 cents each, 5 for \$1.00

MADAM CROZY Height four feet. Immense flower heads of the deepest vermillion, gold bordered. Petals very wide and broadly rounded; foliage green. This variety has done more than any other to give Cannas their present great popularity. 10 cents each, 6 for 50 cents.

FLORENCE VAUGHN. This variety was hybridized by Mr. Crozy and is the highest type of the new French Canna flowers. Petals remarkably wide rounded on the ends and flowers very large. Color yellow thickly dotted with brightest red, but general effect is a rich orange-yellow; foliage green; height four feet. A decided ever-bloomer. 15 cents each, 3 for 40 cents.

MIXED CANNAS. All shades; our selection. 10c. each, \$1.00 doz.

Dahlias. We have a choice stock from which we can select including Show and Fancy Pompon, Cactus, Dwarf, Single, etc. Our limited space prevents us giving a list which we greatly regret as our collection is really very fine. We offer a choice mixture of named sorts giving the customer the privilege of naming the classes which they wish their order filled with. 15c. each, 2 for 25c., \$1.25 doz.

Gladiolus. White and light varieties mixed, per dozen, 35 cents; hundred, \$2.00. Scarlet and Red, per dozen, 25 cents; hundred, 1.75. Yellow and Orange, per dozen, 50 cents; hundred, 3.00. Striped and Variegated per dozen, 40 cents; hundred, 2.25. Choice Mixed, all colors, per dozen, 25 cents; hundred, 1.75.

Tube Rose. EXCELSIOR PEARL. Large bulbs, doz., 35c. Second size, doz., 20c. If by mail add 5c. per doz. Gladiolus the same.

TESTED SEEDS THAT WILL GROW.

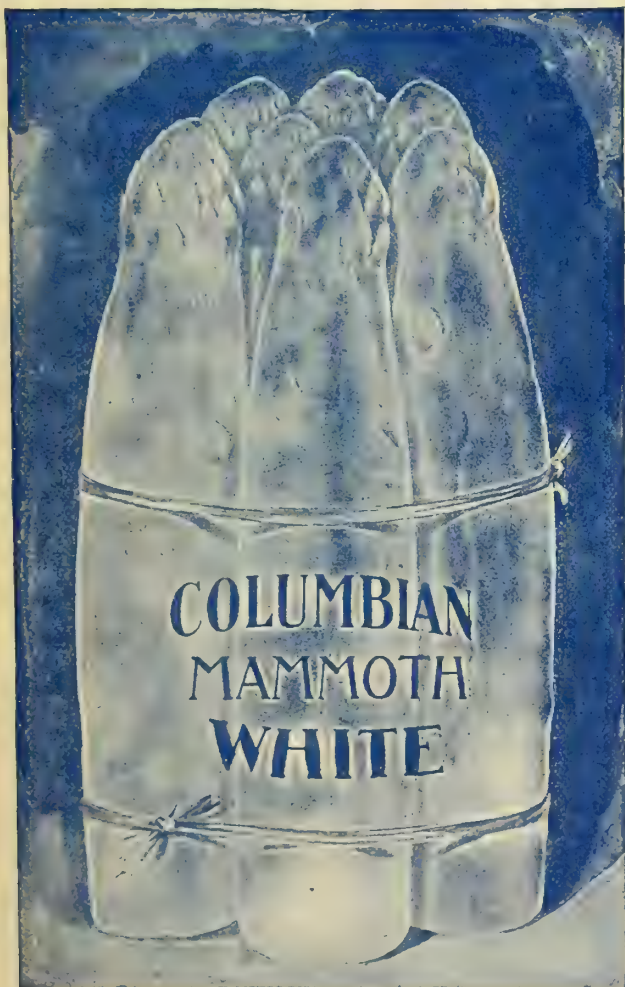


to conduct this branch of our business, in justice both to our large counter trade and to the many customers who annually send us bulk orders to be shipped by express or freight. Both of these classes of our customers buy largely of seeds sold by quart and pint and as it would be impossible for us to deduct the amount of postage from each article (which we should be obliged to do to be fair and just) we therefore cannot in equity, quote prices to include postage.

ASPARAGUS.

CONOVER'S COLOSSAL. An old standard variety, largely grown. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 60c.

THE PALMETTO. Claimed by the introducers to be much earlier, a better yielder than the Colossal, and more even and regular in its growth. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 75c.



COLUMBIAN MAMMOTH WHITE. A distinct and valuable variety. Stocks are very large and clear white until three or four inches high. The crown or bud is considerably smaller than the

part below it. A small per cent. of the plants grown from seed will be green, which can be rejected when setting the permanent bed. This is a favorite in the market wherever grown. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 25c., lb. 80c.

Strong two year old roots 90 cents per 100, \$6.00 per thousand.

BEANS, DWARF OR BUSH. GREEN PODDED.

EXTRA EARLY RED VALENTINE. We consider this the best of all green-podded string beans. Very early, the first picking can often be made in thirty-five days from time of planting. Pods round, very tender and stringless. A general favorite with market gardeners. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

EARLY LONG YELLOW SIX WEEKS. An old standard variety, used both as a string and a shell sort. Popular in all sections. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

WARREN BUSH. A comparatively new bean which is highly recommended by those who have tried it; claimed by some to be the best bean in the world for the home garden. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

DWARF HORTICULTURAL, OR SPECKLED CRANBERRY. The standard green shell bean throughout New England. Beans round, speckled and of good quality. Pods yellow splashed with red, and when free from rust and blight very showy. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

RHODE ISLAND HALF BUSH HORTICULTURAL. Pods brighter and more showy than the preceding; on that account very popular with many of our garden trade, but not in favor with some on account of its half bush form. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 80c., pk. \$1.50.

GODDARD, OR BOSTON FAVORITE. Vines large, of vigorous branching habit often having short runners. Beans similar in color to all Horticultural varieties but longer. Pods long yellow splashed with crimson; very attractive and equal in size to many pole beans. Later than preceding varieties. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

IMPROVED GODDARD. Like the preceding but entirely free from runners. See Specialties. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 75c., pk. \$1.25.

BEANS. DWARF OR BUSH. WAX PODDED.

IMPROVED GOLDEN WAX. Possesses all the good points of the Golden Wax, has a larger pod and yields much better. Entirely free from strings at all stages of growth. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

BLACK, OR GERMAN WAX. One of the oldest wax sorts called by many Butter Beans. Pods round, meaty, tender, and of finest flavor, but small. More liable to rust than other good varieties, but when free from rust and blight few varieties equal it in quality. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

CURRIE'S RUST PROOF BLACK WAX. Beans brownish black, vigorous and productive. Pods flat, of good length, showy and of fine quality. Well merits the name of rust proof. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.



KIDNEY WAX. Kidney form; color white with dashes of light purple about a white eye. A valuable variety. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

GOLDEN EYE WAX. We consider this variety one of the best wax beans for the market gardener. Although not equal in quality to some others; its hardiness, entire freedom from rust, earliness and productiveness make it a profitable variety. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.



GOLDEN EYE WAX.

DAVIS WHITE KIDNEY WAX.

Claimed by the introducers to be "earlier, hardier, more prolific, handsomer, and a better seller than any of all the wax varieties." See Specialties. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 75c., pk. \$1.25.

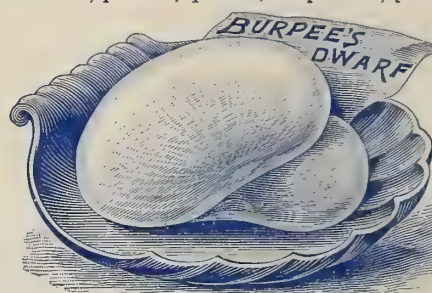
KEENEY'S RUSTLESS WAX. A new variety, said to be entirely free from rust and to be very prolific. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 75c.

VALENTINE WAX. Also a new variety with strong claims for its good qualities, which the introducers say are extra earliness, fixed type, tenderness, quality, freedom from rust and remarkable productiveness; pods are round and meaty. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 75c., pk. \$1.25.

DWARF OR BUSH LIMA BEANS.

HENDERSON'S BUSH LIMA. This variety is especially valuable on account of its earliness, as it is several days earlier than any other Lima; a bush form of the early Sieva Lima and has the small beans of that variety. Some objection to it is found on account of the small size of the beans; but its earliness commends it to many. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 85c., pk. \$1.50.

DREER'S BUSH LIMA. A bush form of the Dreer's Improved Lima, which is considered by many the best of all Limas. Pkt. 10c., pt. 15c., qt. 30c., 1-2 pk. 90c., pk. \$1.60.



BURPEE'S BUSH LIMA. A bush form of the large Lima; grows uniformly dwarf and equal in size and quality to the large Lima. We consider this the best of the dwarf Limas. Pkt. 10c., pt. 20c., qt. 30c., 1-2 pk. 90c., pk. \$1.60.

BEANS.—Pole or Running.

HORTICULTURAL, OR SPECKLED CRANBERRY. A well known standard variety. Beans similar to Dwarf Horticultural. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 75c., pk. \$1.25.

WORCESTER MAMMOTH HORTICULTURAL. Vines vigorous and healthy. Beans very large. Pods of the richest carmine. The most productive and handsomest bean known. See list of specialties. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 85c., pk. \$1.50.

DUTCH CASEKNIFE. An old well known variety. Beans white, flat, kidney-shaped; pods very long. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 85c., pk. \$1.50.

INDAN CHIEF, OR BLACK WAX. One of the best wax pole sorts, remains in bearing longer than the Dwarf wax. Beans large, round, black. Pods of waxy yellow, remaining in good condition longer than most varieties. Pkt. 10c., pt. 15c., qt. 30c., 1-2 pk. 85c., pk. \$1.50.

LIMA VARIETIES.—POLE.

EARLY JERSEY LIMA. Earlier than the large Lima. Pkt. 10c., pt. 15c., qt. 30c., 1-2 pk. 90c., pk. \$1.60.

LARGE LIMA. More largely grown than any other Lima. Pkt. 10c., pt. 15c., qt. 30c., 1-2 pk. 90c., pk. \$1.60.

DREER'S IMPROVED LIMA. Beans of medium size, short and much thicker than the Large Lima. Pkt. 10c., pt. 15c., qt. 30c., 1-2 pk. 90c., pk. \$1.60.

KING OF THE GARDEN LIMA. Claimed to be an improvement on the Large Lima. Pkt. 10c., pt. 15c., qt. 30c., 1-2 pk. 90c., pk. \$1.60.

HORTICULTURAL LIMA. Said to be a cross between Dreer's Improved Lima and the Dwarf Horticultural, having the shape of the former and the color of the latter. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 65c., pk. \$1.00.

Beets.

EARLY EGYPTIAN TURNIP. A standard sort. The earliest of all beets; large and flat; of a deep, crimson color; tops very small, which permits it to be planted closer than other sorts. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

CROSBY'S IMPROVED EGYPTIAN. Similar to the preceding variety, but of much better form. Without exception the best first early variety for market gardeners. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 60c.

BASTIANS BLOOD TURNIP. Nearly, if not quite, as early as the Egyptian. Will grow larger, (though not very large), is remarkably sweet and tender, but of lighter color than most other varieties. Very popular with some of our market gardeners. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

Crosby's Egyptian.

Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

EARLY ECLIPSE. When introduced claimed to be as early as the Egyptian; did not prove to be, but is only a little later. Roots are bright red, of uniform globe shape, fine grained and delicious flavor. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

DETROIT DARK RED. A new variety, for which much is claimed. Similar to the Eclipse in form, of deep color, but has small tops, and is of good quality. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

DEWING'S IMPROVED BLOOD TURNIP. A standard sort. An improvement on the old Blood Turnip. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

EDMAND'S BLOOD TURNIP. An excellent variety, of more globular form than the Dewing and of very dark color, medium early and one of the best for general or late crop. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

SWISS CHARD. Used for greens only. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 60c.

SUGAR BEETS AND MANGEL WURZELS.

LANE'S SUGAR. An improvement on the old White French and recommended as hardier, and as containing a larger percentage of sugar. $\frac{1}{2}$ lb. 15c., lb. 40c.

MAMMOTH LONG RED MANGEL. A long variety, of mammoth size; color light red, flesh white, and rose colored. Grows well out of ground; extensively used in all sections. $\frac{1}{2}$ lb. 15c., lb. 40c.

NORBITON GIANT LONG RED. Similar to the preceding; has smaller top and neck, flesh scarlet. $\frac{1}{2}$ lb. 15c., lb. 40c.

GOLDEN TANKARD. Top and neck very small, roots ovoid and large; flesh yellow, zoned with white, an excellent sort. $\frac{1}{2}$ lb. 15c., lb. 40c.

ORANGE GLOBE. One of the best; tops small, roots medium size, color of skin deep orange yellow, flesh white. Grows almost entirely out of the ground; good for shallow ground, easy to harvest. $\frac{1}{2}$ lb. 15c., lb. 40c.

RED GLOBE. Similar to preceding except color, which is light red or pink. $\frac{1}{2}$ lb. 15c., lb. 40c.

BROCCOLI. White Cap. Pkt. 10c., oz. 40c.

BRUSSELS SPROUTS. Tall French. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 40c.

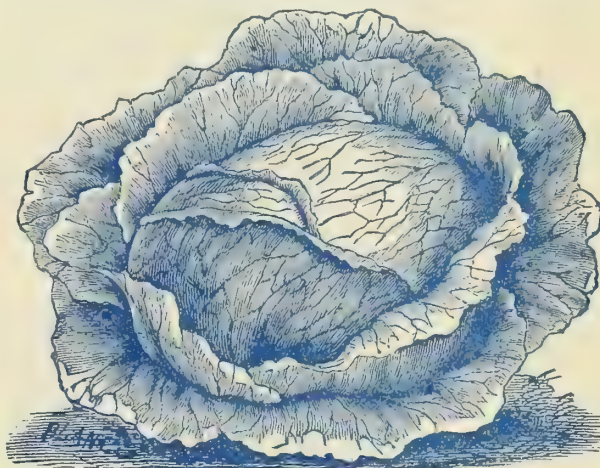
Cabbage.

EARLY JERSEY WAKEFIELD. The standard early variety. Heads conical, very compact and solid. Can be set closer than most varieties. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.

HENDERSON'S EARLY SUMMER. The earliest large heading cabbage; grows compact, so that it may be set nearly as close as the smaller sorts. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.

HENDERSON'S SUCCESSION. Claimed by the introducers when first put on the market to be "the finest cabbage in existence." Very similar to that excellent variety, the All Seasons. Measures about ten days later the Early Summer. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.

ALL SEASONS. (Sometimes called Vandergaw.) This variety, as its name indicates, makes both a splendid early and late variety,



All Seasons.

It forms a fine, large, hard head of superior quality, not bursting after heading; the heads are of great thickness, which makes it a capital sort to keep through the winter. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.

EARLY WINNINGSTADT. Heads large, cone-shaped and solid; one of the very best for all soils. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 40c., lb. \$1.35.

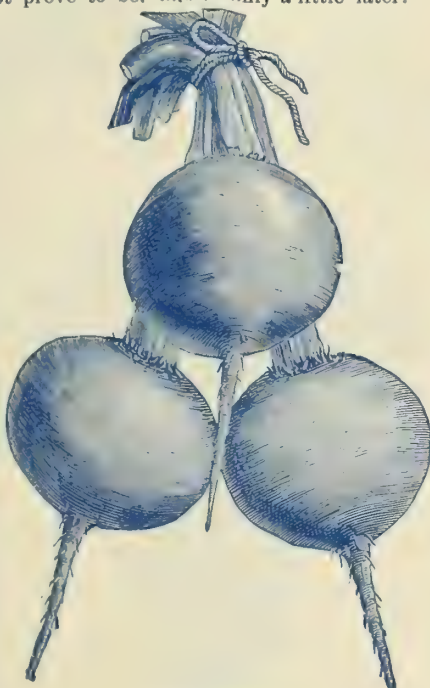
FOTTLER'S IMPROVED BRUNSWICK. The earliest of the large heading drumheads; in great favor with market gardeners in all sections; used generally as a second early crop. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.

STONE MASON DRUMHEAD. A standard variety; one of the very best for family or market use; solid heads of excellent quality. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.

PREMIUM FLAT DUTCH. A very popular variety; its keeping qualities unsurpassed; large heads, tender, fine flavor; excellent for winter use. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 45c., lb. \$1.50.

AUTUMN KING. Claimed by the introducers to be the best late cabbage in the country. They say of it: The Autumn King in an entirely distinct variety, and the best keeper we have ever seen; it produces enormous solid heads with such small outer leaves that it can be planted much closer than the ordinary late sorts, and will produce a greater weight of crop per acre than any other variety, from the fact of its producing so few outer leaves and going all to head. A distinctive feature of the Autumn King is the peculiarly crimped leaves. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.

AMERICAN IMPROVED SAVOY. An improvement on the Green Globe Savoy; very reliable for heading. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$2.00.



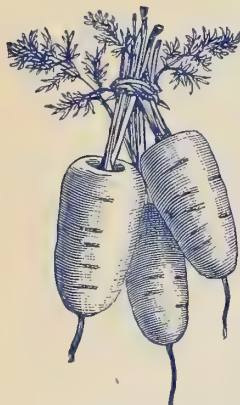
Early Eclipse.

MARBLEHEAD MAMMOTH. A late variety, the largest of all cabbages; heads have been grown weighing sixty pounds. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

RED DUTCH. Used for pickling. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

MAMMOTH ROCK RED. Claimed to be by far the best, largest and surest heading Red Cabbage ever introduced. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00

Carrot.



Scarlet Horn.

Tops small considering the size of the roots. Pkt. 5c., oz. 16c., $\frac{1}{4}$ lb., 30c., lb. \$1.00.

LONG ORANGE IMPROVED. The standard variety for field crops; dark in color and smoother than the old Long Orange. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

GUERANDE, OR OX HEART. In length, between the Scarlet Horn and Danvers.

It is thicker at the neck than the latter, and carries its thickness well down towards the bottom. The entire crop can be pulled by hand. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



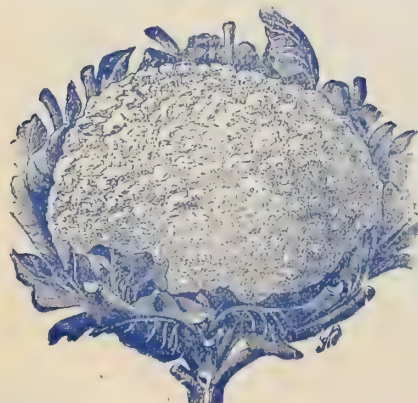
Guerande Carrot, or Ox Heart.

LARGE WHITE BELGIAN. Extensively grown for stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

CAULIFLOWER.

EARLY SNOWBALL. Grown more extensively than any other variety, both under glass and for out door crop.

We know of no variety that can compare with it for reliability in heading. It is extra early and has few outer leaves, allowing it to be planted very closely. Pkt. 20c., oz. \$2.50.



EXTRA EARLY PARIS. Heads large, white, compact and solid, of excellent flavor; a favorite with market gardeners. Pkt. 10c., oz. 75c.

HALF EARLY PARIS. Not as early as the preceding variety. Heads large and compact, of good quality. Pkt. 10c., oz. 60c.

Celery.

special description page 5.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

WHITE

PLUME.

Also a self-blanching sort; earlier, of not quite so good quality as the preceding, but very popular, and is grown extensively in all sections.

Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

PINK

PLUME.

Similar to the preceding but the stalks are beautifully tinged or suffused with pink. Of better quality, having to some extent the nutty flavor and crispness which all the red celeries have.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00

GOLDEN SELF-BLANCHING.

A very popular variety and the best of all the self-blanching sorts. See



Golden Self-Blanching.

BOSTON MARKET

An old standard variety, for many years grown more extensively for Boston market than any other variety. It is noted for its tenderness and excellent flavor. It is peculiar in its growth forming a cluster of heads instead of a single large one.

Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 80c.

BOSTON MARKET

Selected stock, Arlington grown.

Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

GIANT PASCAL.

This is a green-leaved variety which was developed from the Golden Self Blanching in France.

It is much larger, a better keeper, and of superior flavor. It grows about two feet high, has very broad and thick stalks, which are stringless. It has a peculiarly sweet and nutty flavor entirely free from any bitter taste. It blanches very quickly after banking up. We believe it to be altogether the best late variety.

Pkt. 5c., oz., 25c., $\frac{1}{4}$ lb 75c.

CRAWFORD HALF DWARF An old favorite sort. When blanched is of rather yellowish white color and is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight.

Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.



Boston Market.

DWARF GOLDEN HEART. A distinct variety and one of the most popular old varieties with market gardeners. It is very solid, an excellent keeper, and of fine nutty flavor. In size and habit of growth it is similar to the Crawford, except when blanched the heart is of a golden yellow, making it a very showy variety as well as one of extra quality.

Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 80c.

CELERIAC. (Turnip-Rooted Celery.)

Produces turnip-shaped roots, which may be cooked and sliced and used with vinegar, making a most excellent salad.

ERFURT GIANT. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 85c.

CRESS, or PEPPER GRASS.

Plant in rich soil, finely pulverized, in drills six or eight inches apart. That grown in the cool of the season if of the best quality. To be used as a salad before the flowers appear.

CURLED. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

Corn.

THE FIRST OF ALL. As its name indicates the earliest of any variety. A selection of the Cory, a very little earlier, in this section next in popularity to that well known sort. See specialties. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

THE CORY. The most popular early variety, cobs mostly red, kernels from deep pinkish cast to white, ears eight-rowed and of fair size, of medium quality and a good yielder. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

WHITE COB CORY. A selection of the preceding which has only pure white kernels and cobs, equally as early, a trifle larger and sweeter. Growing in favor and deservedly so. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

EARLY MINNESOTA. An old standard sort. Kernels white and very large for an early sort. Ears of medium size. Very popular and deservedly so. One of the best early varieties for home use or for market, where quality is considered. Price, pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

EARLY CROSBY. An old variety and one of the most popular ones in cultivation, for years the standard early sort in Boston market. It is not really a first early but follows very closely the preceding varieties. Kernels white, small and remarkable sweet and tender. Ears rather short with from twelve to sixteen rows. Stalks of the original strain were small but those of the one which is most used known as the New England strain, and which we here offer are considerably larger as are the ears. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

KENDEL'S EARLY GIANT. A very large variety considering its earliness. Kernels white, ears well filled out and showy; of good quality. See specialties, page 4. Pkt. 10c., pt. 15c., qt. 25c., 1-2 pk. 75c., pk. \$1.25.

NEW EARLY CHAMPION. It is claimed for this new corn that it is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. Twelve-rowed, with pure white kernels. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

PERRY'S HYBRID. Is ready to pick about the same time as Crosby. Ears about the same length but thicker, with twelve or more rows. Kernels mostly white, of medium size, sweet and tender. Cobs often red. Popular with many. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

SHAKER'S EARLY. Claimed when introduced to be as early as Minnesota. We have never found it so, but consider it very early for so large an eared variety. Of good quality. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

MOORE'S EARLY CONCORD. Not quite as early as preceding varieties, but has a very large ear, with twelve to sixteen rows. Popular in New England as a second early sort and often planted for main crop. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

BLACK MEXICAN. A variety when ripe with bluish black kernels, but when in suitable condition for eating cooks white. But few varieties equal it in tenderness and sweetness. Ears of medium size. It is ready for use about with the Concord. Considered by many the best sort for general family use. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

POTTER'S EXCELSIOR, OR SQUANTUM. Known by the first name for years in Boston market, where it was very popular. Used extensively in Rhode Island, where it was named Squantum. Ears of medium size. A standard of excellence in tenderness and sweetness, and is yearly increasing in popularity. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

COUNTRY GENTLEMAN. A medium late variety of recent introduction, having the irregular rows of the Shoe Peg, or the Ne plus Ultra, and resembling that in other respects, but has a larger ear. Has a very small cob and deep kernel, is tender and

sweet; very desirable for the home garden. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

HICKOX. Popular wherever known. About a week earlier than Evergreen. Has a large, attractive ear, kernels of good size, sweet and tender. Remains in condition for use for a long time. Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

MARBLEHEAD MAMMOTH. The introducer said of this corn when first put on the market that "Green ears have been exhibited weighing between two and three pounds. It is the earliest, sweetest, and largest of all the Mammoth sweet varieties. Probably no other sweet corn will yield as much fodder, and for this reason it is extensively planted to be fed green, or dry." Pkt. 8c., pt. 12c., qt. 20c., 1-2 pk. 50c., pk. 90c.

STOWELL'S EVERGREEN. Used more generally than any other late variety. Ears large, kernels very deep and shriveled; very sweet. Claimed by many to be the sweetest corn of all. Pkt. 5c., pt. 10c., qt. 15c., 1-2 pk. 40c., pk. 75c., bush. \$2.50.

STOWELL'S EVERGREEN. For fodder. Grown more extensively for feeding green than any other variety. Pk. 50c., bush. \$1.50, 2 bush. \$2.75.

Yield 140 to 160 Bushels per acre with 500 lbs. of the Mapes Corn Manure.



DIBBLE'S MAMMOTH EARLY FLINT. This is really a selection of the Longfellow, combining earliness and large size. Under ordinary treatment this has produced some very large crops and has the approval of many large growers. Bush. \$1.75, on the ear (70 lbs.) \$2.00.

Corn.

Field, Fodder and Ensilage.



Egg Plant.

1 kt. 10c., oz. 40c., 1-4 lb. \$1.25.

NEW YORK IMPROVED. The standard variety in all sections of this country.

EARLY CANADA. Ears small; very early, usually ripening in August; admirably adapted for culture in the Northern States.

Bush. (70 lbs.) on ear, \$2.00.

IMPROVED CANADA. Known also as Early Demond, Deerfield, Greenfield, or Connecticut Valley. This is really the preceding, bred up to a larger ear. Like that, it is eight rowed and resembles it generally, only that the ears are about two inches longer. It is quite early and is very popular in the Connecticut Valley, where it was first cultivated.

Bush. \$1.75, on the ear (70 lbs.) \$2.00.

LONGFELLOW. An eight-rowed, yellow flint sort, with ears ten to twelve inches long. The cob is quite small, with kernels of good size. Considered safe for planting in Massachusetts.

Bush. \$1.75, on the ear (70 lbs.) \$2.00.

SANFORD WHITE. A white flint variety, used in Rhode Island considerably for grinding, both for stock and culinary purposes, and very extensively used in Vermont for ensilage.

Bush. \$1.50.

PRIDE OF THE NORTH. A Dent variety which is very early. Will mature a crop in this section easily unless season is very unfavorable. Ears are rather small for a Dent variety, from eight to nine inches long, having from twelve to sixteen rows. Stalks are from six to eight feet high. Popular as an ensilage corn with some.

Bush. \$1.50, 2 Bush. \$2.50.

EARLY MASTODON DENT. A very early, strong growing corn, with exceedingly large ears and grain. In the *American Agriculturalist* corn contest, in 1889, it out yielded all others, making the wonderful record of 213 bushels of shelled corn to the acre. Used extensively for ensilage.

Bush. \$1.50, 2 Bush. \$2.50.

WHITE CAP YELLOW DENT. Nearly as early as the Pride of the North; with large ears. The grower and introducer of this wonderful corn says he will guarantee this corn to mature in ninety to ninety-five days from planting and to grow a larger crop on poor soil, than any other corn in the world. Stalks are six to seven feet high, with abundance of foliage, making it an excellent sort for ensilage. Ears are from eight to ten inches long, well filled out and have from sixteen to eighteen rows. Kernels are of the true Dent type, large, sweet and nutritious; the outer end white and the balance yellow, which gives it the name "White Cap."

Bush. \$1.50, 2 Bush. \$2.50.

LEAMING. An early yellow dent corn which is growing more popular in New England every season for ensilage.

Bush. \$1.00.

RED COB ENSILAGE (Bushnell's). A pure white corn with red cob. Probably grown more extensively for ensilage than any other variety.

Bush. \$1.00.

SOUTHERN WHITE. The seed we offer of this is the true Southern White, and has a round flat kernel. Nearly all the seed sold in the east for this variety is the pointed or sheep-tooth kernel, comes from the West in grain cars and germinates very poorly. This costs a trifle more and is infinitely better. Bush. \$1.00. Special prices on large quantities.

EUREKA ENSILAGE. Our famous Eureka Corn heads the list for large growing ensilage varieties. It was obtained by selecting from the true Southern White the stalks which produced the largest amount of foliage and greatest number of ears, and, with proper fertilizing, will grow from fourteen to eighteen feet high, and often times four and five ears to the stalk. Our seed was all shelled from the ear by hand and will all germinate. (See Specialties.)

Bush. \$2.00, 3 Bush \$5.00.

Cucumber.

EARLY RUSSIAN. The earliest cucumber grown; fruit produced in pairs.

Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

EARLY FRAME, OR SHORT GREEN. An excellent sort both for table use and pickling. Plants very vigorous and productive. Fruit straight, handsome, smaller at each end, bright green, lighter at the blossom end. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

EARLY CLUSTER. Fruit short, borne in clusters near the root. A good yielder, popular for home use, but little grown for market. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

WHITE SPINE IMPROVED. The most popular variety for market. Fruit straight and handsome. Used extensively in this country for forcing.

Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

NICHOL'S MEDIUM GREEN. Considerably thicker than the White Spine, and full at both ends. Skin light green and very smooth. Handsome in appearance, and of fine quality.

Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

IMPROVED LONG GREEN. Vines vigorous and productive. Fruit about 12 inches long, firm and crisp. Makes one of the best of pickles, and when ripe is the best of any for sweet pickles.

Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

BOSTON PICKLING. One of the best for pickling. This is the standard variety in the vicinity of Boston; used for pickling. Fruit short, pointed at each end, bright green, uniform in size, very productive, and of superior quality.

Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

NEW JAPANESE CLIMBING. Vines vigorous, with strong grasping tendrils, which enables it to climb trellis, wire netting, brush, or any other suitable support. It climbs so tightly that it is not prostrated by heavy storms of wind and rain. Comes into bearing quickly and continues to set the fruits abundantly throughout the season.

Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

Dandelion.

AMERICAN IMPROVED.

Thick leaved. Pkt. 10c., oz. 40c., 1-4 lb. \$1.25, lb. \$4.00

FRENCH FINE LEAVED. Pkt. 5c., oz. 25c., 1-4 lb. 75c., lb. \$2.50.

Endive.

MOSS CURLED. Pkt. 5c., oz. 25c.,
1-4 lb. 60c.

LARGE GREEN CURLED. A large coarse, stong growing variety, which by tying up can be made to form finely blanched centers of good quality. Outer leaves well cut, and bright, deep green. Pkt. 5c., oz. 20c., 1-4 lb. 60c.

Kale (Borecole)

GREEN CURLED SCOTCH A rather dwarf variety; growing about eighteen inches in

height, but spreading under good cultivation to three feet in diameter, leaves of a bright green, beautifully curled. It will stand out when the temperature does not fall below zero. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 80c.

Kohl Rabi.

EARLY WHITE VIENNA. Pkt. 5c., oz. 20c., 1-4 lb. 60c.

EARLY PURPLE VIENNA. Pkt. 5c., oz. 20c., 1-4 lb. 60c.

Leek.

AMERICAN FLAG. The standard variety. Pkt. 5c., oz. 15c., 1-4 lb. 50c., lb. \$1.60.

Lettuce.

WHITE SEED TENNISBALL or Boston market. Used more extensively for forcing under glass than any other sort. Heads small but very compact, and of good quality. But little used for out-door planting. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.



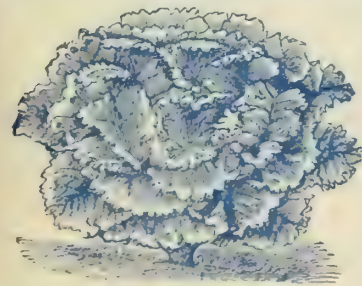
HITTINGER'S BELMONT FORCING.

Choice private stock. A choice strain for forcing in the greenhouse. Much larger than the White Seeded Tennisball, and a little later. Quality excellent. Very profitable for market. Not recommended for outdoor culture. Pkt. 10c., oz. 40c.

BLACK SEED TENNISBALL. Used in New England for the first outdoor planting and is the first to head. Used in New York and other sections for forcing. Heads medium size and compact, leaves thick, dark green and when quickly grown crisp and tender. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.

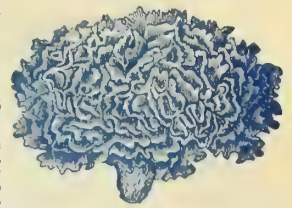
EARLY CURLED SIMPSON (white seed). A very early variety which forms a small loose head, leaves much curled, of excellent quality and extensively cultivated both under glass and outdoors. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.

BLACK SEED SIMPSON. Much larger than the preceding, but not as much curled. Forms a large loose cluster of leaves rather than a head, leaves light yellowish green, a good variety and extensively grown. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.



of course, wilts very quickly after cutting, and so is not adapted to growing for distant markets. Plants large, deep green, so washed with red as to appear more red than green, forming a head of a dense mass of leaves rather than one like a cabbage, and very slow to run to seed. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.

BOSTON FINE CURLED. A variety highly esteemed for earliness, beauty of form and good table qualities; rich green color, beautifully curled. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.



BOSTON CURLED LETTUCE.

THE DEACON. An excellent sort, medium early, heads of good size with few outer leaves which are deep green, the inner ones blanching to bright yellow. Will remain fit for use a long time. We consider it one of the best early summer varieties. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.

HANSON. We can recommend this as one of the very best. Outer leaves white, and usually curved and twisted at the base. Extensively grown by market gardeners; always sure to make large, handsome heads of excellent quality. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.

HENDERSON'S NEW YORK. The introducers say it is of unusual size and solidity of head, with but little tendency to run to seed; often weighing nearly four pounds with heads almost as solid as an Early Summer Cabbage; blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. Is not a forcing variety, but is certainly one of the best varieties for summer use ever introduced. Pkt. 5c., oz. 20c., 1-4 lb. 50c., lb. \$2.50.

ALL THE YEAR ROUND. An old, well known variety. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.

BROWN DUTCH. An old variety which has green leaves considerably tinged with brown. A sure header, crisp, tender and sweet; extremely hardy. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.50.

Martynia.

A strong growing, hardy annual plant with curiously shaped seed pods, which, when young and tender, are highly prized for pickling. The pods are produced in great abundance, and should be gathered when less than half grown, as after the hardening of the flesh they are worthless.

PROBOSCIDEA. The common variety. Pkt. 5c., oz. 35c., 1-4 lb. \$1.00

Melon. Musk.

EARLY HACKENSACK. This new Early is a selection or improvement almost equal in size to the Hackensack, and at least ten days earlier. Several years' thorough trial has proven it to be one of the best as well as the earliest of all the netted melons. The melons weigh from four to six pounds each, and are of delicious flavor. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

SURPRISE. Very early, medium size, flesh thick, salmon colored. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

GREEN NUTMEG. Cantaloupe, nearly round, flattened at the ends, regular rib; skin densely netted; flesh thick and of delicious flavor. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

MONTREAL MARKET. The largest round melon in the world weighing fifteen pounds and upwards, (they have grown to weigh 29 pounds). To all who wish to grow the handsomest melons possible for exhibition, or extra large ones for market, we recommend this one. The shape is almost round, deeply ribbed; skin green and densely netted; flesh remarkably thick, light green and of fine flavor. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 80c.

BAY VIEW. One of the largest, most productive and best flavored melons grown. Shape oblong; flesh green. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

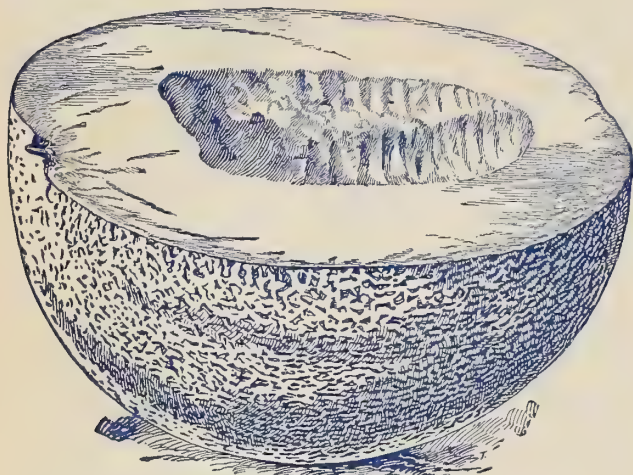
EMERALD GEM. A small round melon of superior flavor. Flesh salmon color, very thick and fine grained; skin dark green. One of the best for home use, and growing more popular every year as a market variety on account of its uniformly excellent quality. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

LONG YELLOW. An old variety, of large size, ribbed and netted, salmon fleshed, sweet and melting. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

BANANA. Grows from fifteen to eighteen inches long; the color is creamy white or straw color. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

MILLER'S CREAM. Ranks high as a market melon, either for home or shipping. The flesh is of rich salmon color, very sweet and melting, and is so thick that the melon is almost solid, the seed cavity being remarkably small. A strong grower and very productive, medium in size and resembles the Osage very much. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

THE COSMOPOLITAN. Claimed by the introducers that it is the most beautiful of the Green Fleshed Melons. Fruit slightly oval, nearly round, without ribs. Color light green, but becoming covered at maturity with dense silver gray netting. Flesh green, firm, sweet and uniformly high flavored. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

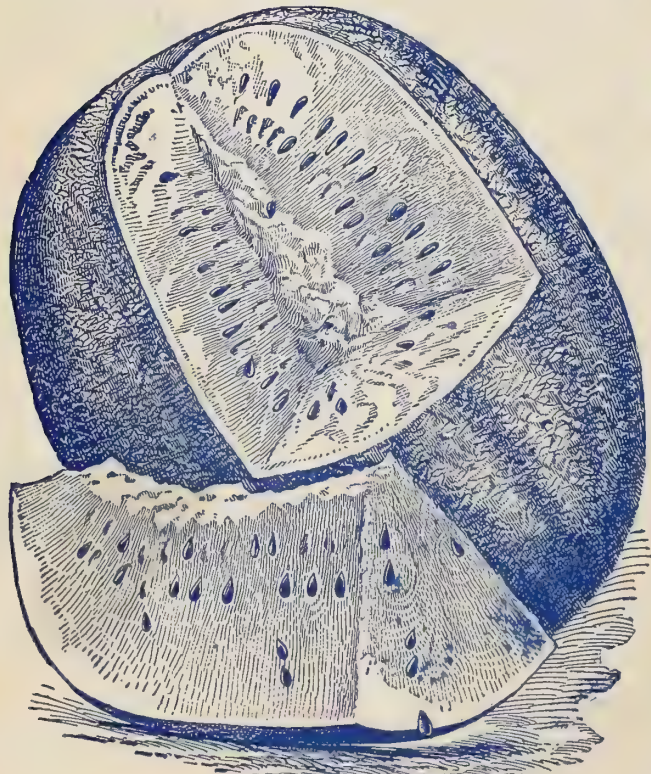


Cosmopolitan Musk Melon.

Melon. Water. **PHINNEY'S EARLY.** Large, oval, quick growing variety, thin rind, red flesh, very hardy and productive; a favorite, and is one of the earliest. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

THE BOSS. One of the best; early, of medium size, rind thin, flesh of brilliant color, solid, melting and of delicious flavor. Has but few equals. Pkt. 5c., oz. 10c., 1-4 lb. 25c.

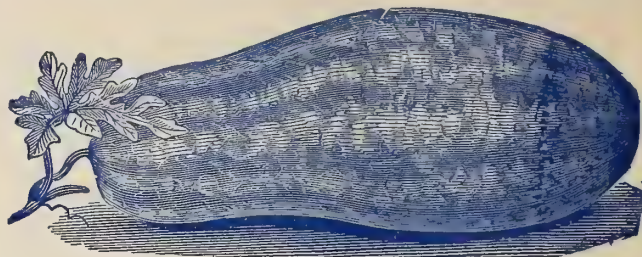
THE SWEETHEART. A new variety; vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and very light green. Rind thin but firm; flesh bright red, firm, solid but very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.



Sweet-Heart Water Melon.

KOLB'S GEM. Nearly round, dark green with narrow stripes of lighter shade; flesh bright red and of good flavor. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

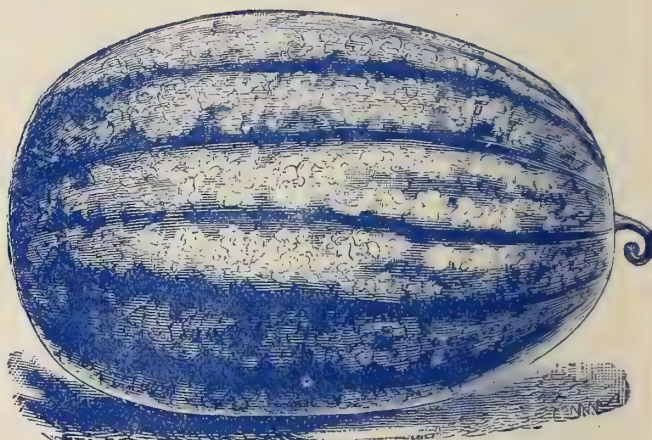
MOUNTAIN SWEET. A large, long melon, flesh red, firm and sweet, solid to the center. A well known, standard variety. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.



Mountain Sweet Watermelon.

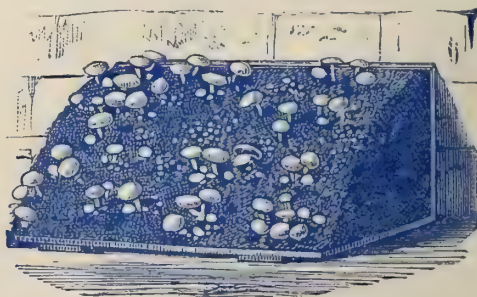
BLACK SPANISH. Medium size, round, black seeded, red flesh, thin rind, vines small. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.

MAMMOTH IRON CLAD. Of oblong shape, very thick and retains its thickness at both stem and blossom end. The skin is beautifully striped with light green; the flesh is of a dainty red, of rich, sugary flavor, always firm and remarkably solid. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.



Cuban Queen Watermelon.

CUBAN QUEEN. Beautifully marked, light and dark green, solid, crisp, bright red flesh; a good shipper; grows to a good size. Pkt. 5c., oz. 10c., 1-4 lb. 25c., lb. 75c.



Mushroom. SPAWN. Lb. 15c., 10 lbs. \$1.00.

Mustard. White. Pkt. 5c., oz. 10c., 1-4 lb. Brown. 15c., lb. 40c.

Onions.

See also Page 9.

field. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

EARLY RED GLOBE. An entirely new, distinct and valuable variety, perfectly globe shaped; ten days earlier than Southport Large Red Globe, and equally as globe shaped, color beautiful light red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

YELLOW GLOBE DANVERS. This variety has been developed from the old thick-stocked Danvers, called Globe, into a true globe shaped onion. While we take pains to secure the best of seed on all varieties, we give especial attention to this particular strain, and offer one which cannot be surpassed. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

YELLOW GLOBE DANVERS. Best western stock, equal to that offered by many as Best Stock.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 65c., 5 lbs. at 60c. lb.

While we firmly believe that our Best Stock of home grown Globe Danvers is much the cheaper in the end, we just as firmly believe that this western stock we here offer is **as good as can be procured** from that source.

RED WETHERSFIELD. An old standard sort largely grown in some localities. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25

PRIZETAKER. Of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh five pounds and over, from seed the first year. Is of the same type as those immense imported onions which can be seen in fruit stores and always command a very high price. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

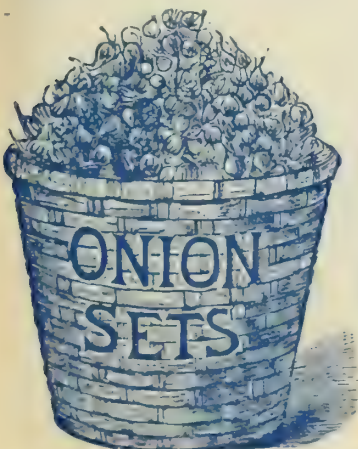
WHITE PORTUGAL, or SILVER SKIN. Used by market gardeners for an early onion. Its mild flavor makes it especially desirable for family use.

Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

SOUTHPORT WHITE GLOBE. True globe shape, mild flavor, very handsome, better keeper than the Portugal. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

SOUTHPORT YELLOW GLOBE. Similar to our stock of Globe Danvers, but a little later. Our stock is very fine. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

SOUTHPORT RED GLOBE. Similar in shape to the preceding, of a beautiful purplish crimson. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50



ONION SETS.

Prices Variable.

WHITE.
Qt. 20c., pk. \$1.25

YELLOW.
Qt. 20c., pk. \$1.00

POTATO ONION.
Qt. 20c., pk. 90c.

TOP ONION.
Qt. 20c., pk. \$1.00

Price for larger quantities on application.

Parsley.

lb. \$1.00.

CARTER'S CHAMPION MOSS CURLED. Excellent for garnishing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c.,

EXTRA DOUBLE CURLED. Beautifully curled.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00

Parsnip.

We have an extra selected stock of both Long and Hollow Crown, and have a steadily increasing market-garden trade. See page 11.

LONG SMOOTH. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

HOLLOW CROWN. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Peas.

EXTRA EARLY VARIETIES.

ALASKA. The standard first early hard pea. Height about 2 $\frac{1}{2}$ feet. Pods small but it is a wonderful bearer, of very uniform growth, and ripens crop well together, which makes it valuable to market gardeners. Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{4}$ pk. 65c., pk. \$1.00.

FIRST AND BEST. An extra early sort. Ripens crop evenly; height 2 $\frac{1}{2}$ feet. Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{4}$ pk. 65c., pk. \$1.00.

IMPROVED DAN O'ROURKE. An old standard variety, has been more extensively grown than any other early sort. Height, 2 $\frac{1}{2}$ feet.

Pkt. 8c., pt. 15c., qt. 25c., $\frac{1}{4}$ pk. 65c., pk. \$1.00

PHILADELPHIA EXTRA EARLY. Also an old sort; very similar to preceding.

Pkt. 10c., pt. 12c., qt. 20c., $\frac{1}{4}$ pk. 65c., pk. \$1.00

GREGORY'S SURPRISE. A new wrinkled pea which is claimed by the introducers to be as early as the earliest hard peas. See specialties page 7. Pkt. 15c., pt. 35c., qt. 60c., pk. \$4.00

DWARF EARLY VARIETIES.

AMERICAN WONDER. The earliest wrinkled variety growing to the height of ten inches; very robust, producing large, well-filled pods; of fine flavor. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{4}$ pk. 85c., pk. \$1.50

NOTT'S EXCELSIOR. A new dwarf variety, grows a little taller than the Wonder. One of the best. See specialties. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{4}$ pk. 85c., pk. \$1.50

LITTLE GEM. Very early, dwarf, green wrinkled marrow pea; quality excellent; bears abundantly; height 15 in. Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{4}$ pk. 65c., pk. \$1.00



McLEAN'S PREMIUM GEM. Similar to the preceding, but considered by many a great improvement on that variety. Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{2}$ pk. 65c., pk. \$1.00

HALF DWARF, SECOND EARLY, MEDIUM AND LATE SORTS.

HORSFORD'S MARKET GARDEN. Resembling in habit of growth Premium Gem, ten days later, pods produced in pairs in great profusion, peas wrinkled. Of good quality, very popular with market gardeners. Height, 2 feet.

Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.25

BLISS' ABUNDANCE. About a week later than the Advancer, bearing large and well-filled pods, immensely productive, is of a branching habit. Height, $2\frac{1}{2}$ feet.

Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{2}$ pk. 65c., pk. \$1.00

ALLAN'S DWARF TELEPHONE. A new variety now offered for the first time. Bred and sold to the seed trade by the veteran seed growers, the John H. Allan Seed Co., Picton, Ontario, Canada. See description page 8.

Pkt. 15c., pt. 25c., qt. 40c., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25

McLEAN'S ADVANCER. A green, wrinkled marrow of extra quality. The standard second early in Boston market, and grown extensively everywhere. Height, $2\frac{1}{2}$ feet.

Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{2}$ pk. 65c., pk. \$1.00

HEROINE. A new variety, the introducers say of it: The Heroine is a medium early, green wrinkled pea, grows uniformly about two and one-half feet high, and is literally covered with its long, heavy, pointed pods—in fact so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. The quality of the pea is simply perfection—that rich, buttery, marrow like flavor for which the peas grown in the gardens of old England are celebrated. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.25.

YORKSHIRE HERO, OR DWARF CHAMPION. An old wrinkled sort, pea large and of delicious flavor, vines of a robust branching habit. Notwithstanding the many excellent new varieties this old favorite still continues to be in great demand. Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{2}$ pk. 65c., pk. \$1.00.

SHROPSHIRE HERO. A new wrinkled sort, about two and one-half feet high, and a robust grower, pods large and well filled, peas of exquisite flavor. One of the best of its class. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.25.

PARAGON. A green, wrinkled variety, of stocky, robust growth, pods light green, large and well filled. A great yielder. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.25

EVERBEARING. A large green late wrinkled pea, of excellent quality. As its name indicates, a continuous bearer. Like the Abundance, of very branching habit and should be planted thinly. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.25.

IMPROVED STRATAGEM. An improved type of Carter's Stratagem and is the best of all of the large-podded peas. See page 6. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 85c., pk. \$1.25.

TALL-GROWING LATE SORTS

CARTER'S TELEPHONE. A tall growing wrinkled sort, in this section the most popular late pea. Of very robust habit, large pods. "As good as the telephone" is an expression often used regarding other varieties. Height, $4\frac{1}{2}$ feet. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.50.

CHAMPION OF ENGLAND. Universally admitted to be one of the richest and best flavored peas grown, very productive. Height four or five feet, seed light green and much shrivelled. Pkt. 8c., pt. 12c., qt. 20c., $\frac{1}{2}$ pk. 60c., pk. \$1.00.

LARGE BLACKKEYED MARROWFAT. An excellent variety growing about five feet high, pods large and full. Pkt. 5c., pt. 10c., qt. 15c., $\frac{1}{2}$ pk. 40c., pk. 75c.

LARGE WHITE MARROWFAT. Similar to preceding. Pkt. 5c., pt. 10c., qt. 15c., $\frac{1}{2}$ pk. 40c., pk. 75c.

MELTING-SUGAR EDIBLE PODS. Pods are used same as string beans. Pkt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 85c.

Peppers.

LARGE BELL. An old, well known sort. Large, bell-shaped, thick-fleshed, and less pungent than some other sorts. Good for filling or mixed pickles. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

SWEET MOUNTAIN. Also an old variety. Fruit very large often eight inches long by two in diameter. Flesh thick, sweet and mild. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

LARGE SQUASH. Fruit flat or tomato shaped and somewhat ribbed, flesh thick and slightly more pungent than other large sorts, early and sure to mature. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

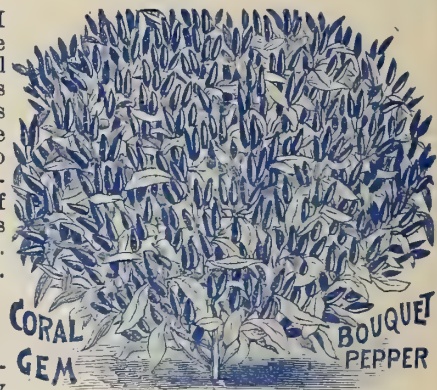
RUBY KING. The handsomest of the large sorts, mild and sweet, excellent for stuffing. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

CORAL GEM

BOUQUET. Is the finest of the small sized varieties. Its beautiful little pods of shining red are so thickly set as to give it the appearance of a bouquet of corals, hence its name. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

CAYENNE.

Best for seasoning pickles; very hot. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



Radish.

EARLY SCARLET TURNIP. A small, round, deep-scarlet variety. Popular for forcing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

EARLY SCARLET TURNIP, White Tip. Similar to the preceding, but beautifully marked with white at the tip; very popular as a market variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

NEW ROSY

GEM, (White Tipped Scarlet Ball.) Earlier than the preceding sort which it somewhat resembles in form and color, but slightly more globular in form, upper part of root, rich, deep scarlet blending into pure white at tip. A very showy and excellent sort, never becoming hollow or pithy. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



NON PLUS ULTRA OR FRENCH FORCING. Claimed by introducers to be

the earliest in cultivation. In color brilliant red, top small, excellent for forcing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

VICK'S EARLY SCARLET GLOBE. A most excellent radish for garden culture; and for hot-bed forcing there is no variety as desirable. It is the earliest; its color is the handsomest; in flavor it is the mildest, most crisp, juicy and tender. It is the market gardener's favorite as a forcing radish. It forms small top, and will stand a great amount of heat without becoming pithy. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

FRENCH BREAKFAST. A very quick growing variety, brittle, crisp and tender; of oval form, bright scarlet, white tipped. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

EARLY LONG SCARLET SHORT TOP, IMPROVED. Grows six to eight inches long; very crisp and brittle, quick growth, uniformly straight; very desirable. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

WOOD'S EARLY FRAME. Similar to Long Scarlet but not as long; of more brilliant color, should be grown more as it is several days earlier than the Long Scarlet. The best long forcing variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

CHARTIER OR SHEPHERD RADISH. A variety of the Long Scarlet, originated in Western Pennsylvania. It is exceedingly handsome and attractive, being of a deep crimson color at the top, and blending off to almost white at the bottom. It is very tender, and remains so for a long time after attaining its growth, an important feature to the market or family gardener. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

NEW WHITE STRASBURG. This variety is now the most popular summer radish grown. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender, and of a delightful pungent taste. It can be pulled five weeks from the time of sowing the seed, yet it will continue to grow without losing its fine quality, and remain in a tender condition longer than any other summer sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

CHINESE ROSE WINTER. Excellent for winter use. Very superior quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

LONG BLACK SPANISH WINTER. One of the hardiest and best for winter use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Salsify, or Oyster Plant.

SANDWICH ISLAND MAMMOTH. A new and larger growing variety than the old sort. It is claimed of finer flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 50c., lb. \$1.50

Spinach.

ROUND THICK LEAVED. The popular variety. Good for either fall or spring sowing.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

LONG STANDING. Characteristic for its remaining fit for use longer than any other variety before running to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

BLOOMSDALE. Earliest cutting of any sort. This is a form of spinach superior to either sorts because of its leaves being curled, twisted and bloated to an unusual degree; this curled quality giving the leaves an elasticity fitting them for shipment to long distances, while at the same time giving the crop large measuring qualities, many more barrels of the Bloomsdale Spinach being cut to the acre than any other variety, and thus adding an increased profit to the shipper. It is recommended for autumn sowing, as when sown in springtime it shoots to seed earlier than any other sort of spinach. The Bloomsdale Spinach is put up in blue muslin bags of five, ten, twenty, thirty and forty pounds, fastened with copper wire and lead sealed. Our stock is from the originator, and is guaranteed true to name. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

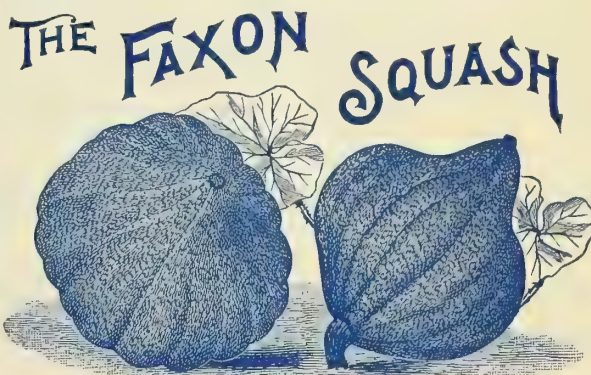
Squash.

WHITE BUSH SCALLOP. A very early and excellent variety for market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

EARLY WARTED, OR SUMMER CROOKNECK. Long, bright yellow fruit; the most popular early summer variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

MAMMOTH SUMMER CROOKNECK. A very valuable variety; a great improvement on the preceding, being twice as large, far more warty and as early. This combination of earliness, large size and wartiness, which adds so much to its attractiveness, makes it altogether the most desirable squash for market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

FORDHOOK. Very handsome, of bright yellow outside and straw-yellow within. The flesh is very dry and sweet, and of delicious flavor. It seems incapable of rotting, and placed in a cool, dry room, keeps in perfect condition until late in June when summer squashes are ready. Can be used as a summer squash. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



COPYRIGHT, 1893, BY M.B. FAXON CO.

A very desirable variety for the home garden. It is very productive, of medium size (five or six pounds), fine grained, dry, sweet, a good keeper, uniform in shape, but varied in color. This variation in color is a distinct feature of the squash. While some of the ripe squashes are pale yellow with still paler yellow stripes, others are green, mottled and faintly striped with a light green. A leading gardener says of it: "That for dryness and sweetness the Faxon cannot be excelled if equalled." Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

BOSTON MARROW IMPROVED, OR ORANGE MARROW. The standard type of Marrow Squash in Massachusetts, and also largely used elsewhere. An improvement on the old Boston Marrow being much thicker-meat and of better quality, much deeper in color, a little smaller, not likely to overgrow like the old strain. The shell of this variety also differs from the old strain that being smooth while this is deeply marked with pits similar to the Prolific. We recommend this as the best type of marrow squash for general use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Essex Hybrid.

grown as as a late sort than any other, Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

ESSEX HYBRID. A cross between the Hubbard and Turban, with color, shape and qualities of the latter, and the dryness and hard shell of the former. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

AMERICAN TURBAN. An old popular variety, but not equal to Essex Hybrid. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

HUBBARD. A favorite winter squash, and more largely

CHICAGO WARTED HUBBARD. A selection from the old Hubbard with thickly warted shell, thick-fleshed and a good keeper. A popular strain with market gardeners. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

PROLIFIC MARROW (Dunlap's.) The earliest fall variety, at least ten days earlier than any other marrow squash; very prolific; color deep orange; of fair quality, but not equal to the Orange or Improved Boston Marrow. Unfortunately there seems to be some confusion in the names of the Marrow varieties, many seedsmen listing this as Prolific or Orange Marrow which is incorrect as there is a marked difference between the two; the former while being similar in color and having a similar pitted shell, is quite different in time of ripening and also in quality. We recommend this as a profitable squash to grow on account of its extreme earliness and great yielding. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

GREEN MOUNTAIN. A new variety with uniformly round fruit; larger than the Hubbard. Claimed by the introducers to be the best winter squash of late introduction. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.

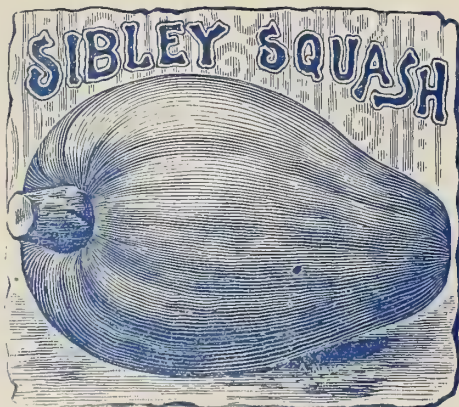
BUTMAN. Resembles the Hubbard; thick shell and thick meated, lemon-colored flesh, dry, sweet and delicious. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

BAY STATE. Similar in shape to Essex Hybrid, shell slate color and harder, and flesh is dryer than that variety. It is of excellent flavor and very solid. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

WARREN. Similar in shape to the Essex Hybrid but of richer color, a very deep orange, shells also are thicker and are rough and warty; claimed to be of better quality than the Essex Hybrid; very popular among market men where known. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

MARBLEHEAD. Shell light slate color, flesh lemon color, dry, sweet and of finest flavor. Good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

SIBLEY. The shell is pale in color, very hard and flinty, being at the same time thin and smooth, flesh is solid, thick, vivid brilliant orange color, and is possessed of rare edible qualities, being dry, and really wonderful for fineness of grain and the rich and delicate flavor peculiarly its own. The weight ranges from eight to eleven pounds. Will keep to the last of March in a sound state. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



We can also supply the following sorts:

PERFECT GEM, **WINTER CROOKNECK,**
MEDITERRANEAN. **MAMMOTH CHILI.**

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Tomato.

FORDHOOK FIRST. The originators say that "It is the only perfectly smooth and solid tomato, of which we know, that gets to market as early as the rough and unshapely fruits of poor quality from such sorts as Early Ruby, Atlantic Prize, etc., all of which we have carefully tested, and discarded for this much more desirable variety." Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

LIVINGSTON'S FAVORITE. One of the best and largest perfect shaped red tomatoes in cultivation. Ripens evenly and as early as any other good red sort, holding its size to the end of the season; free from cracks and is not apt to rot at the blossom end; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 60c.



LIVINGSTON'S EARLY ACME. Probably no one variety is so well known and generally cultivated throughout the United States, both for early and main crops. The plants are of strong and vigorous growth, very productive; fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth (never rough), color, a glossy red, with purplish tinge, ripens all over and through at the same time. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

LIVINGSTON'S EARLY PERFECTION. An improved Acme with a red skin, somewhat larger, fully as early, has more solid flesh and fewer seeds, and produces more and larger fruit at the close of the season. Invariably smooth and of handsome blood-red. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

LIVINGSTON'S BEAUTY. A decided favorite for either home market or shipping purposes, being early, hardy, a strong grower, productive, large size, always smooth, perfect in shape and excellent in quality. The color is a very glossy crimson with a slight tinge of purple. It grows in clusters of four or five large fruits, retaining its large size late in the season, and is entirely free from ribbed and elongated fruit. It is very firm fleshed, has a tough skin and but few seeds. It seldom cracks after a rain like many of the tender skin sorts. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

LIVINGSTON'S BUCKEYE STATE. Averages at least one-half larger than Livingston's Beauty. The color is much the same, but of a somewhat darker shade. In shape it is a little thicker from blossom end to stem than most other sorts. In addition to its very large size, it is also smooth and uniform. It is unquestionably one of the heaviest croppers known. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

DWARF CHAMPION. The vines are dwarf and compact in habit, grow stiff and upright, with thick and short jointed stems; foliage dark green in color. It is remarkably early, and owing to the smaller amount of space required between the plants, yields more to the acre than most other varieties. In form and color the fruit closely resembles the Acme; it is always smooth; the skin is tough, and the flesh solid; ripens well close round the stem, and is not as liable to crack as some other sorts. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

LIVINGSTON'S DWARF ARISTOCRAT. This fine early variety in habit of growth and foliage resembles the Dwarf Champion very much, and might be taken for that popular variety if it were not for the color of its beautiful rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the present standard of excellence. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

PONDEROSA. Very large, solid, and of good flavor. Specimens have been grown to weigh four pounds; color, bright red; very few seeds. Pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

LIVINGSTON'S GOLDEN QUEEN. "Queen of all the Yellows." Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early, and is the most beautiful yellow variety ever sent out. The larger and riper fruits are sometimes tinged with red at the blossom end. None excel it for eating raw or slicing. The handsome golden-yellow slices make a beautiful contrast in a dish with red sorts. It has very little acid, and the quality is excellent. Makes handsome, rich preserves. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

We can also supply the following well-known varieties:

PARAGON. PEAR SHAPE YELLOW. NEW PEACH. PEAR SHAPE RED. MIKADO. MAYFLOWER.

Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Turnip. **EARLY PURPLE TOP FLAT STRAP LEAF.** Grows quickly and is of mild flavor. The most popular variety of all for early use, and grown extensively for fall and winter. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

EARLY WHITE FLAT DUTCH. Similar to the preceding, but all white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

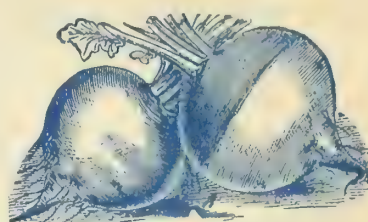


WHITE EGG. A quick grower, fine grained, and of a very mild flavor. One of the best of the early fall turnips. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 50c.

GOLDEN BALL. Rapid Grower, excellent flavor, globe shape, and of a beautiful bright yellow. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

YELLOW ABERDEEN. Very hardy and productive, and an excellent keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

PURPLE TOP WHITE GLOBE. An early variety, resembling the Purple Top Strap Leaf, except in shape. The best for market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



Purple Top White Globe.

YELLOW GLOBE. One of the best varieties for general crop. Flesh very firm and sweet; and keeps well until late in the spring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

SWEDES, or RUTA-BAGAS.

WHITE FRENCH OR ROCK. A very delicate flavored variety; excellent keeper; fine for table. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

SWEET GERMAN. A white, globe-shaped sort. Superior for table use; of most excellent quality; good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

SHAMROCK. An excellent purple top yellow sort. Grows small top; a good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

AMERICAN RUTA-BAGA. Popular among our market gardeners for table and stock; keeps well; flesh color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

LONG ISLAND IMPROVED. This is undoubtedly the finest variety of Purple Top Ruta-Baga, and is purely of American origin. It is twice the size of ordinary American stocks. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

POT HERBS.

	PKT.	OZ.		PKT.	OZ.
CARAWAY,	.05	.10	SAGE,	.05	.20
CORIANDER,	.05	.10	SUMMER SAVOY,	.05	.20
DILL,	.05	.15	SWEET MARJORAM,	.05	.20
FENNEL,	.05	.15	THYME,	.05	.40

CHOICE GRASS SEED.

Grass seeds are sold on a very close margin of profit and prices are constantly changing with the market. Should you desire anything in this line, be sure to write to us for special prices, naming quantity needed, as these prices are subject to change without notice.

OUR SPECIAL GRASS MIXTURE FOR HAY.

This mixture is intended for an average soil (neither too wet nor too dry) and should be sown in the spring, or very early in the fall. 36 lbs. to the acre.

Price per lb., 10c.



OUR SPECIAL MIXTURE OF GRASSES FOR PERMANENT PASTURE.

For every different kind and condition of soil there are grasses which are particularly adapted to it. Some species succeed best on wet or moist and some on dry soil. Some mature or are at their best very early; some later, and others very late, so that if a considerable number of these different species and varieties were used in a mixture for a pasture there would be no time, from the first of the season to the last, when some kind would not be at its best and furnish continual good feeding for stock. This mixture is made up from such a variety of grasses suitable for the average meadow soil and should be sown in the spring or early in the fall. 40 lbs. to acre. Lb. 14c.

RHODE ISLAND BENT (*Agrostis Canina*.) An excellent variety for lawns and permanent pastures. Grows naturally in poor soils. 30 lbs. to the acre. Lb., 20c.

RED TOP. (*Agrostis Vulgaris*.) A good permanent grass; excellent for lawns, pastures, etc., and for sowing with Timothy and Red Clover. 30 lbs. to the acre. Lb., 6c.

RED TOP. Fancy, cleaned from chaff; contains nothing but pure seed. 12 to 15 lbs. to the acre. Lb. 20c.

MEADOW FOXTAIL. (*Alopecurus Pratensis*.) One of the very best grasses for permanent pasture, and thrives to perfection on lands of an intermediate quality as to moisture and dryness. It also stands the high summer heat without burning. 25 lbs. to the acre. Lb., 30c.

TIMOTHY (*Phleum pratense*.) One of the commonest and best known grasses. For a hay crop it is perhaps the most valuable, especially in the Northern States. It is, however, often used when probably some other variety would be more suitable. (45 lbs. to bush.) Lb. 6c., bush. \$2.00, per bag, 4c. lb.

TALL MEADOW OAT GRASS. (*Avena Elatior*.) Is early and of luxuriant growth and produces an abundant supply of foliage; is well calculated for a permanent pasture grass. 50 pounds to the acre. Lb., 20c.

CRESTED DOG'S TAIL. (*Cynosurus Cristatus*.) A valuable grass for sheep pastures, on dry, hard soil and hills. Often used in lawn mixtures. 25 lbs. to the acre. Lb. 40c.

ORCHARD GRASS. (*Dactylis Glomerata*.) Is one of the most desirable pasture grasses, coming earlier in the spring, and remaining later in the autumn than any other. It grows to a height of two to two and one-half feet, and produces an immense quantity of foliage. It yields a large amount of hay, and sends up a thick growth very quickly after being cut. Blossoms same time as red clover. 40 pounds to the acre. Lb., 14c.



Orchard Grass.

MEADOW FESCUE, or ENGLISH BLUE GRASS. (*Festuca Pratensis*.) A highly valuable species for permanent grass land. It does not, however, attain to its full productive power till the second or third year, when it far exceeds most other sorts in quantity of its produce and nutritive matter. It is relished by live stock, both in hay and pasture. A very desirable permanent grass for general culture. 40 lbs. to the acre. Lb., 15c.

ITALIAN RYE GRASS. (*Lolium Italicum*.) An oft quoted writer says of the grass: "It occupies the same place in Great Britain that Timothy does with us, and is there esteemed on the whole higher than any other species of grass. Of all the varieties of *Lolium Perenne* which are known that called *Italicum* is by far the most valuable."

Another eminent authority sums up its valuable qualities as follows: "Its earliness, rapid reproduction after cutting, the extreme partiality manifested by all domestic animals for it when used either as soiling, hay or pasturage, and its influence on the dairy not only increasing the flow of milk, but improving the flavor of the cheese and butter made from it."

It is at its best on moist or irrigated meadows but is valuable on a great variety of soils. 50 lbs. to the acre. Lb., 12c.

KENTUCKY BLUE GRASS, OR SMOOTH MEADOW GRASS. (*Poa Pratensis*.) Height, two feet. This variety presents a beautiful appearance early in the spring, and on account of its unusual earliness and great productiveness, at a time when other grasses are comparatively dormant, it should be included in most permanent mixtures. It does well in good, moderately dry soil, makes excellent hay and aftermath. 28 lbs. to acre. Lb., 15c. Extra clean seed.



Kentucky Blue Grass.

CANADA BLUE GRASS. (*Poa Compressa*.) Similar to and often confounded with the Kentucky Blue Grass, from which it differs in its flattened wiry stems. It forms a very firm turf by means of its creeping root-stalks, and thrives well on clay or hard trodden and poor soils. Lb., 14c.

FOWL MEADOW. (*Poa Trivialis*.) Grows abundantly in almost every section of New England and in portions of the Middle and Western States, especially where it has been introduced and cultivated in suitable ground, such as the borders of rivers and places occasionally flooded. It never grows so coarse or hard but that the stalk is sweet and tender, and eaten without waste. It is easily made into hay, and is nutritive and valuable grass. Does best when used in mixtures. Sow same quantity as of Red Top. Lb., 25c.

Millet.

HUNGARIAN GRASS. Splendid forage crop for light land. On rich land two crops may be grown the same season. Withstands drought and yields abundantly. (48 lbs to bush.) Bush \$1.00.

COMMON MILLET. Very similar to Hungarian; a little more branching in its growth; requires a rather better soil. (50 lbs to bush.) Bush. \$1.00.

GOLDEN, OR GERMAN MILLET. A heavier cropper than the Hungarian, and needs a longer season and a stiffer soil; stands up well, is easily cured, makes a coarse, harsh hay which is greedily eaten by all live stock. (50 lbs. to bush.) Bush. \$1.25.

Choice Clover Seeds.

MEDIUM RED, OR JUNE. This is the common Red Clover, used more largely than any other for hay and pasture. 10 pounds to acre. Lb. 10c., 100 lbs. 9c. per lb.

While VERY cheap, clover seed is of exceptionally good quality this year. Special prices to large buyers.

RED MAMMOTH CLOVER, or PEA VINE. It is a vigorous grower, with large, coarse stalks, five to six feet high; used largely for plowing under for manure. 10 lbs. to the acre. Lb. 11c., 100 lbs. 10c. per lb. Mammoth Clover is even cheaper, proportionately, than Medium, and will be largely used.

ALSIKE, or SWEDISH. Unexcelled for hay, and a wonderful cropper. All farmers who have tried this unite in pronouncing it the best of all clover hay. It is perennial and very hardy. Very valuable both for pasturage and soiling; very productive, sweet and fragrant. The flowers are a distinct light pink, and much liked by bees. Will produce a good crop on low, wet land. 12 pounds to the acre. Lb. 13c.

WHITE. Valuable for lawn and pasture mixture. Lb. 25c.

CRIMSON CLOVER. (Also called Scarlet, or Italian). An annual variety, in common use in Italy and the south of France for feeding green. The yield in fodder is immense. In warm climates four or five cuttings are made during the season. Lb. 7c.



Alsike Clover.

ALFALFA, OR LUCERNE CLOVER. Valuable as a forage plant for light, deep, dry soils, the roots penetrating so deep that it stands severe drought without injury. Lasts for years when once established. Lb. 13c.

OUR SPECIAL MIXTURE OF GRASSES FOR LAWNS.



The Worcester Lawn Grass.

While we have always made a good Lawn Mixture and have given particular attention to this subject in the past, we have this year selected a variety of grasses which will in the shortest time make a soft velvety lawn, yet one which will be permanent. We have also used only such varieties of which we can obtain EXTRA CLEAN seed. We shall hereafter sell the Worcester Lawn Grass BY THE POUND ONLY, as we regard that as the only satisfactory method to sell any mixture of grass seeds, and a decidedly more preferable way to sell single varieties. This mixture weighs 32 pounds to the bushel. BEAR IN MIND WHEN COMPARING PRICES WITH OTHERS (either higher or lower than ours), THAT WHERE A LOWER PRICE IS MADE FOR A BUSHEL OF SIXTEEN POUNDS THAT EITHER CHAFF SEED IS USED TO MAKE THE REQUIRED BULK, WHICH IS OFTEN OF BUT LITTLE VALUE AND WHICH ALWAYS CONTAINS FOUL SEEDS, OR ELSE IT DOES NOT MEASURE NEARLY A BUSHEL AND WOULD NOT IN THAT CASE BE ANY CHEAPER THAN OURS IF SOLD AT HALF THE PRICE PER ACTUAL BUSHEL. 1-lb. pkg. 25c., 4-lb. pkg. \$1.00. In ten-pound lots or over in bulk 20c. per lb.

Miscellaneous Seeds.

BARLEY. Largely used for sowing in July and August for fall feed, for which purpose sow from two to two and one-half bushels per acre. (48 lbs. to bushel.) Bush. 90c.

OATS. Growing more and more in favor for early green fodder. We have taken all possible pains to secure oats that were free from foul seeds, have then re-cleaned them and have had a largely increased trade thereby. We make this year again a low price considering the superior quality. In our opinion, the economy which leads one to save a few pennies on a bushel of oats is quite likely to be extreme extravagance. Buy the best AND SAVE MONEY. Bush. 50c., bag (2 bush.) 90c., 20 bush. lots 40c. per bush.

RYE. (Spring.) Our trade is also increasing on this grain. It is used in this section as oats are, almost entirely for soiling purposes. For this purpose sow one and one-half bushels to the acre. (56 lbs. to bush.) Bush. \$1.25.

WHEAT. (Spring.) Leading varieties. Bush. \$2.00.

BUCKWHEAT. (Japanese.) Earlier, larger and yields much better than other sorts. Bush. \$1.25.

PEAS. (Canada.) Used extensively for sowing with oats for soiling. When thus used, sow one bushel to the acre. Bush. \$1.00.

VETCHES. Used the same as the preceding. Sow with oats from $\frac{1}{2}$ to $\frac{3}{4}$ bushel. Bush. \$2.75.

PLANTS.

We offer in the following list a choice lot of plants grown from pure seed by ourselves and other reliable growers. The prices quoted are about what we expect to sell at, but may be higher or lower according to the supply. We mean to offer nothing but strong, stocky, healthy plants. Our prices are reasonable for such plants. All prices subject to change if supply is short.

EARLY CABBAGE.

These plants are grown in cold frames and pricked out in flats with ample room to make a stocky growth.

JERSEY WAKEFIELD. Per 100, \$1.00; per 1000, \$8.00.

HENDERSON'S SUMMER. Per 100, \$1.00; per 1000, \$8.00.

First Out-Door Grown.

HENDERSON'S SUMMER. Per 100, 50c.; per 1000, \$4.00.

PEERLESS. Per 100, 50c.; per 1000, \$4.00.

FOTTLER'S BRUNSWICK. Per 100, 50c.; per 1000, \$4.00.

Medium and Late.

ALL SEASONS, FOTTLER'S BRUNSWICK, STONE MASON, PREMIUM FLAT DUTCH, and other standard varieties. Per 100, 40 to 50 cents; per 100, \$3.50 to \$4.00.

CAULIFLOWER.

Cold frame grown, in flats, per dozen, 25 cents; per 100, \$1.50.

First out-door grown, per dozen, 20 cents; per 100, \$1.00.

CELERY—Transplanted.

BOSTON MARKET, WHITE PLUME, PARIS GOLDEN, GIANT PASCAL, and other standard varieties. Early plants growing in boxes holding about twenty-five plants, per box, 25 cents. For general crop, per 100, 75 cents; per 1000, \$6.50.

LETTUCE—Standard Varieties.

Early varieties transplanted in flats. Per dozen, 15 cents; per 100, \$1.00.

Early and late varieties. Out-door grown. Per dozen, 15 cents; per 100, 75 cents.

PEPPER.

BELL, OR BULL NOSE AND SWEET MOUNTAIN. In boxes of one dozen. Per dozen, 25 cents.

EGG PLANT.

NEW YORK IMPROVED. In boxes of one dozen. Per box, 30 cents.

TOMATO.

FORDHOOK FIRST, ACME, PERFECTION, DWARF CHAMPION, and other varieties. In boxes of one dozen. Per box, 25 cents.

STRAWBERRY PLANTS.

BELMONT,

BEVERLY,

BUBACH No. 5,

BEDA WOOD,

CRESCENT SEEDLING,

DOWNING.

GREENVILLE,

HAVERLAND,

LEADER,

MINER'S PROLIFIC,

SHARPLESS.

Trimmed and tied in bunches of fifty. Per 100, \$1.00; per 1000, \$7.00. Not trimmed and loose. Per 1000, \$5.00.



Select - Flower - Seeds.

The following List contains a selection of the best and most popular Annual, Biennial and Perennial Flower Seeds adapted for cultivation in the Conservatory, Greenhouse or Flower Garden.

POSTAGE PREPAID on all Flower Seeds
at Prices Quoted.

Please Order by NUMBER and Avoid Mistakes.

AGERATUM.

Free flowering, bedding plants, much used for edging; very useful as a cut flower; good for pot culture; hardy annuals.

1 Little Dorrit. Blue; very compact; a profuse bloomer. Pkt. 5c.

2 Mixed Dwarf varieties, $\frac{1}{2}$ to $\frac{3}{4}$ ft., 5c.

ALYSSUM.

Free flowering, pretty little plants for beds, edgings, or rock work. blooming the whole summer.

3 Sweet Alyssum. Fragrant, white, hardy annual. $\frac{1}{2}$ ft. 5c., oz. 40c.



Sweet Alyssum.

4 Little Gem. Grows but three or four inches in height, very compact, of spreading growth, each plant often forming a circle a foot in diameter. 5c.

AMARANTHUS.

Ornamental foliage plant, very showy, graceful and interesting. Of rapid growth and easy culture. Tender annuals.

5 Fine mixed, 5c.

ANTIRRHINUM, or SNAP DRAGON.

Very showy border plants. The Tom Thumb varieties especially are adapted for bedding. Half hardy perennials; will flower the first season if sown early.

6 Tall mixed, $1\frac{1}{2}$ ft., 5c.

7 Tom Thumb, or Dwarf mixed, $\frac{3}{4}$ ft., 5c.

ASTERS.—Half Hardy Annuals.

8 Queen of the Earlys. The earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; the pure white very double flowers are borne on very long stems, rendering them of exceptional value for cutting purposes, 10c.

9 Truffauts Pœony Flowered. Fine large flowers, in curved petals. One of the best. $1\frac{1}{2}$ ft. Choicest mixed, 10c.

10 Victoria. But few varieties equal this, and none excel it. Flowers very full and large, with down curved petals. A very fine bloomer. Colors beautiful and varied; $1\frac{1}{2}$ ft. Choicest mixed, 10c.

11 Triumph. Plants eight inches high, covered with large, handsome, perfectly formed flowers, of the most faultless pœony form. The color is a peculiarly rich and intensely brilliant scarlet. 10c.

12 Comet. This distinct class of Asters resembles very much the Japan Chrysanthemum in size and shape of flowers. They have a wide range of handsome colors, and are free bloomers; $1\frac{1}{2}$ ft. Choicest mixed, 10c.



Comet Aster.

16 Fine mixed, 5c.

13 Comet, Giant White. This variety is an improvement on the well known White Comet Aster. The plant is taller and the flowers are of extraordinary size; 2 ft., 10c.

14 Betteridge's Quilled. Flowers composed of tube or quill-shaped petals. This is an improved strain, with large, double flowers and of beautiful colors; 2 ft.; mixed colors, 5c.

15 All varieties; choicest mixed, 10c.

AQUILEGIA.—Columbine.

A class of highly ornamental plants, combining at once flowers the most curious in form, with colors the most beautiful; hardy perennial, 1 to 3 ft.

17 Finest double mixed, 5c.

BALSAMS.

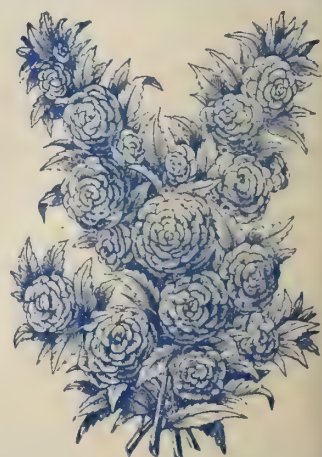
These old garden favorites have been greatly improved in recent years, having much fewer single blossoms than formerly. The Camellia flowered especially are very fine. Half hardy annual; 2 ft.

18 Choice Camellia flowered mixed, 10c.

19 Fine double mixed, 5c.

BALLOON VINE.

20 A rapid growing, handsome summer climbing annual, attaining a height of 10 to 15 feet, having small white flowers, which are followed by inflated seed vessels, shaped like small balloons. 5c.



BACHELOR'S BUTTON.—Centaurea Cyanus.

21 This is the widely known and ever popular "Corn Flower" or "Blue Bottle," which, if the seed is sown just as soon as the ground is fit in the spring, will furnish a profusion of white, blue and pink flowers from July until late in the autumn. Hardy annual. 1½ ft. Choice mixed, single and double, 5c.

CALENDULA.—Pot Marigold.

Remarkably profuse and continuous blooming dwarf, bushy annuals of easy culture; indispensable for summer garden or pot culture in the winter. 1 ft.

22 Queen of Trianon. This comparatively new variety is of distinct beauty. The very double flowers are borne in such numbers as to almost cover the plants. Color, bright canary yellow, with a maroon center. 10c.

23 Meteor. Light golden yellow striped with intense orange. Blooms from May until late in autumn. 5c.

24 Prince of Orange. Similar to Meteor but darker. 5c.

CALLIOPSIS, or COREOPSIS.

Few, if any, annuals are more useful than these; the colors are rich and striking, flowers are numerous and beautiful; produce a fine effect in mixed borders. Hardy annuals. 2 ft.

25 Golden Wave. (Drummondii.) Plant very bushy and compact, and covered with hundreds of beautiful golden blossoms, two inches across with small dark centers. 5c.

26 Choice mixed, 5c.

CANDYTUFT.

One of the most useful border annuals; very effective in beds, groups, ribbons, etc.; also very useful for pot culture, for conservatory decoration during the winter. Seed sown in autumn will flower early in the spring; and sown in April or May will continue in bloom until frost; indispensable for bouquets; hardy annuals.



CANDYTUFT, VERY DWARF WHITE

27 Rocket. White large trusses; 1 ft.; per oz. 25c., pkt. 5c.

28 Tom Thumb. Mixed; very dwarf; only four to six inches high. 5c.

29 Fine mixed. Per oz. 25c., pkt. 5c. For perennial varieties, See Iberis.

CANTERBURY BELLS.—Campanula.

When well grown, Canterbury Bells are among the most attractive of border plants. They succeed in light, rich soil, and should be transplanted two feet apart. Hardy biennials, flowering the first season if sown early.

30 Single mixed. 2 to 2½ ft., 5c.

CANARY BIRD FLOWER.

Tropaeolum Peregrinum.

A well-known, desirable climbing plant, of rapid growth; highly ornamental foliage and a profusion of curiously shaped flowers; the habit of the plant is of a luxuriant and rambling character, and trained on even the most unsightly objects, it imparts to them a most pleasing aspect.

31 Half hardy annuals. 5c.

CARNATIONS.

A magnificent class of popular favorites, most of which are deliciously fragrant, and with colors extremely rich and beautiful. Half hardy perennials, 1 to 1½ ft.

32 Marguerite. Flowering in a few months from seed. Most abundant bloomers; flowers very double, ranging through beautiful shades of reds, pinks, white, variegated, etc. These sown in spring commence flowering in summer, and continue to bloom until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though, if intended for winter flowering, it will be better to sow later in the season. Mixed colors. 10c.

33 Finest mixed. 10c.

CASTOR BEAN.—Ricinus.

Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue, and long spikes of prickly capsules of scarlet and green. Of very quick growth in rich soil. Tender annuals, 8 to 10 ft. high.

34 Mixed. 5c.

CHRYSANTHEMUM.

The tall, double-flowered annual Chrysanthemums when well grown are among the most showy and effective of summer flowering plants. To allow for individual development, they should be thinned out from twelve to eighteen inches apart; the dwarf kinds make showy bedding plants. Hardy annuals. 12 to 18 inches high.

35 Fine mixed. 5c.

CLARKIA.

A beautiful tribe of favorite plants with pretty, cheerful-looking

flowers, growing freely and blooming profusely under almost any circumstances. Hardy annuals.

36 Fine mixed. Double and Single. 5c.

COCKSCOMB.—Celosia Cristata.

An old popular annual, of easy culture. Flowers much resemble a cock's comb. A favorite for bedding out, and the new dwarf sorts especially make fine pot plants.

37 Dwarf, fine mixed. 5c.

COSMOS.

A very graceful and showy plant, quite hardy. A very rapid grower, forms bushes from four to eight feet high with fine feathery foliage, covered with flowers resembling a single Dahlia. The mammoth varieties must be started in heat in March, and planted out in June, else but few flowers will show before frost comes. The new Early Flowering, however, although not producing flowers quite as large, can be sown in open ground in May and will flower in July. Hardy annuals.

38 Mammoth fine mixed. 5c.

39 New Early Flowering. See specialties. 5c.

**CYPRESS VINE.—Ipomœa Quamoclit.**

One of the most popular of all summer climbers; flowers small, thickly set in a most beautiful dark green foliage. Tender annuals.

40 Mixed. 5c.

DATURA.—Angel's Trumpet.

Very showy, strong, vigorous plants, of branching habit, growing three to six feet high. Flowers very large, trumpet-shaped, six to eight inches long; blooms freely if seed is sown early the first season, and the roots can be kept over winter like those of the Dahlia. Tender annuals.

41 Cornucopia. (Horn of Plenty.) Thick, brownish-purple, shining stems, spreading three or four feet in every direction, with dark green leaves. The grand trumpet-shaped flowers measure seven to nine inches across, and are formed of three distinct trumpet flowers growing each within the other. The mouth of the corolla is a delicate white, outside richly marbled with purple. Flowers freely produced for a long season, succeeded by large, thorny seed vessels, which add a unique beauty to the plant. 10c.

42 Choice mixed. 5c.

DAISY.—Bellis.

A favorite flower, one of the best early spring flowering; half hardy perennials, flowering the first season if seed is sown early, in the house; though the better way is to sow it in the fall and winter over, in a cold frame; 1-2 ft.

43 Choice mixed will produce eighty per-cent. double flowers. 10c.

DELPHINIUM.—Perennial Larkspur.

(For annual varieties see Larkspur.)

Plants remarkable for their great beauty, diversity of shades, and highly decorative qualities. They differ greatly in habit of growth, some producing magnificent spikes of flowers, while others are dwarf and completely covered with bloom. The principal color is blue, shading from the softest celestial to the darkest purple, while all are more or less shaded or marked with some other color. 1 1-4 to 3 ft.

44 Elatum, Bee Larkspur mixed. 5c.

ESCHSCHOLTZIA.—California Poppy.

Exceedingly showy, profuse flowering plants, with rich and beautiful colors; attractive for bedding, massing; light, rich soil; hardy annuals. 1 ft.

45 Mixed Colors. 5c.

**ETERNAL, OR EVERLASTING FLOWER.
Helichrysum, Etc.**

Ornamental border plants, the blossoms of which are extensively used for winter bouquets; hardy annuals.

46 Many varieties and species mixed. 5c.

**EUPHORBIA VARIEGATA.
Snow-on-the-Mountain.**

47 Hardy annual, with ornamental green foliage, veined and margined with white; very showy, 2 to 4 ft. 5c.

FORGET-ME-NOT.—Myosotis.

A favorite and well-known border plant; flowers early, blooms freely, and is indispensable for spring gardening; half hardy perennials, but will flower the first season if sown early.

48 Forget-me-not. Fine mixed varieties. 10c.

FOXGLOVE.—Digitalis.

Well known old favorite of easy culture. Flowers thimble-shaped, produced in spikes on stems from three to five feet high. Hardy perennials.

49 Mixed colors. 5c.

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in beauty during the summer and autumn; hardy annual, 1 1-2 ft.

50 Choice mixed, annual varieties, rich color. 5c.

GOURDS.—Ornamental.

The varieties in this collection have been selected either for the ornamental character of their foliage, the singularity or symmetry of their fruit, or the variety and peculiarity of their coloring. These are picturesque, curious, interesting and beautiful when grown on mounds, sloping banks, trained over arches, or planted in beds; wherever grown they never fail to excite admiration.

51 Finest mixed varieties. 5c.

GODETIA.

A very desirable, free flowing genus; attractive in beds, mixed borders and ribbons; hardy annuals.

52 Fine mixed. 5c.

GYSOPHILA.

Delicate, profuse flowering plants of easy growth.

53 Muralis. Of dwarf, compact growth; flowers pink; good for edgings; 1-2 ft. 5c.

54 Paniculata. A very graceful plant, commonly called Baby's Breath, flowers in very small white panicles. Hardy perennials, 1 1-2 ft. 5c.

HELIANTHUS.—Sunflower.

A well-known genus of the most showy plants, remarkable for their stately growth and the brilliancy of their flowers; hardy annuals.

55 Cucumerifolius, or Miniature. A showy variety, growing about three feet high, of branching habit; blooms profusely through the season, flowers two inches in diameter, orange yellow with black center. 5c.

HOLLYHOCK.

An old popular flower, which in its present almost perfect state is much unlike what it started from; many of them being as double as a rose and of beautiful and varied colors. One of the best for a background. Hardy perennials, 5 ft.

56 Choice double mixed. 10c.

57 Chater's finest mixed. 15c.

HYACINTH BEAN.—Dolichos.

A climbing plant with spikes of purple and white flowers, which are followed by seed-pods of very ornamental appearance. Tender annuals, 10 to 15 ft.

58 Mixed. 5c.

ICE PLANT.—Mesembryanthemum.

59 A trailing plant with succulent stems and leaves, which have the appearance of being covered with ice crystals; excellent for hanging-baskets and rock-work. Tender annuals, 3-4 ft. 5c.

IPOMOEA.

Rapid-growing annual climbing vines, with ornamental foliage and beautiful, most varied-colored flowers. Valuable climbers for the garden and easily grown as the common Morning Glory. 10 to 16 ft.

60 Bona Nox (Good Night, or Evening Glory). Most beautiful large, violet flowers. 5c.

61 Coccinea (Star Ipomoea). Of wonderfully rapid growth; dense foliage, covered with hundreds of the brightest, small scarlet flowers; very showy. 5c.

62 Setosa. (The new Brazilian Morning Glory). A grand and luxuriant climbing vine, which twists tightly about its supports. The lobed leaves are from eight to twelve inches across. Flower about three inches in diameter, tinted pink, with a fine pointed star of satiny pink, followed by curious, heavy seed-pods. 10c.

63 Choice mixed. In large variety. Per oz. 25c.; 5c.

IBERIS.—Perennial Candytuft.

Profuse blooming, pretty little plants, especially adapted for rockeries, old stumps, or rustic baskets; they come into flower amongst the earliest spring plants and for a long time continue a dense mass of beauty; hardy perennials. 1 ft.

64 Sempervirens. Pure white. 5c.

LANTANA.

A remarkably handsome, free-flowing, genus of plants, brilliantly colored flowers, constantly changing in hue; very effective, either for pot culture or for bedding. Tender perennials.

65 Finest varieties mixed. 5c.

LARKSPUR.—Delphinium.

(For perennial varieties, see Delphinium.)

Extremely ornamental plant of great beauty, combining the richest possible variety of brilliant and effective colors, with great duration and profusion of bloom; hardy annuals.

66 Tall double mixed. 1 1-2 ft. 5c.

67 Double Dwarf Rocket. Fine mixed. 1 ft. 5c.

LOBELIA.

Pretty, graceful little plants; those of trailing habit being used for hanging pots and rockeries, and those of dwarf, compact habit are excellent for edgings and bedding.

68 Gracilis. Light blue, slender trailer. 5c.

69 Mixed Dwarf varieties. 10c.

LOVE-IN-A-MIST.—Nigella.

This singular plant is known also as Lady-in-the-Green and Devil-in-a-Bush, because the blossoms are partially concealed by the abundance of finely cut foliage. Hardy annual, 1 ft.

70 Choice mixed. 5c.

MARIGOLD.

Well known, free flowering plant with handsome double flowers of rich and beautiful colors. The African is the most striking in large beds or mixed borders. Half hardy annuals, 1 to 2 ft.

71 African choice mixed, 5c.

72 French choice mixed, 5c.

73 Miniature Gold Nugget. This charming variety is remarkable for its dwarf, dense growth, flowering from July until frost; the blooms being very double, of a peculiar shade of color, like Australian gold. 5c.

74 El Dorado. Without exception the very finest type of this showy autumn flower. The flowers are from three to four inches in diameter, and very double. 5c.

MARVEL OF PERU, or FOUR-O-CLOCKS.

(Mirabilis.)

Few plants combine so much beauty, both of foliage and flowers, as this handsome genus; the roots may be preserved through the winter. Half hardy annuals. 2 ft.

75 Fine mixed. 5c.

MIGNONETTE.—Reseda Odorata.

A well known, fragrant favorite. If well thinned out immediately when the plants are large enough, they will grow stronger and produce larger spikes of bloom. Hardy annual.

76 Sweet Mignonette. 5c., oz. 10c.

77 Parson's White. Nearly white, fragrant. 5c.

78 Golden Queen. Flowers golden yellow. Growth, dwarf but dense. 5c.

79 New Quaker City. Flowers a handsome gold red, rich and fragrant; foliage very dark. 10c.

80 New Giant Flowered Red. Form pyramidal, quite distinct, very striking and handsome. 10c.

81 Choice mixed. Our own mixture of the above and other varieties. 5c., oz. 25c.

**MORNING GLORY.**

Convolvulus.

A well known climber which needs no description.

82 Major. Tall fine mixed. 5c., oz. 20c.

83 Minor. Dwarf fine mixed. 5c., oz. 20c.

84 New Japanese. (Ipomea triloba.) Giant flowers with great variety of colors and shades. 10c. (See page 15.)

MOON FLOWER.

(Ipomoea Grandiflora Alba.)

85 This is one of the most vigorous of all the summer climbers. Will grow thirty to forty feet in a single season, and flowers every evening and cloudy day. Complaint is sometimes made that the seed fails to grow satisfactorily. This is entirely due to the method of treatment. If the hard outer coat of the seed is cut through with a sharp knife and then planted in a warm place and kept moist germination will take place in ten days to two weeks. After the plants are up, keep growing vigorously and plant in very rich soil when danger from frost is past. 10c.



CONVOLVULUS TRICOLOR.

NASTURTIUM TALL.

(Tropaeolum Major.)

Well known profuse flowering plants, admirably adapted for rock-work, banks, covering trellises, or rustic work; the seeds, if picked young, are an excellent substitute for capers; hardy annuals.

86 Hybrids of Madam Gunter (new). Very beautiful and distinct. See specialties. 10c., oz. 25c.

87 Fine mixed. 5c., oz. 10c.

88 Collection of 12 distinct colors. 50c.

**NASTURTIUM, DWARF.—Tropaeolum Nanum.**

The Dwarf Improved varieties of Nasturtium are among the most useful and beautiful of garden favorites, for bedding, massing or ribboning; their compact growth, rich colored flowers, and the freedom with which they bloom, all combine to place them in the category of first class bedding plants; should be grown in rather poor soil; hardy annuals.

89 Collection of twelve distinct colors. 50c.

90 Fine mixed from named varieties. 5c., oz. 10c.

PANSY.—Viola Tricolor.

The Pansy is so well known and such a favorite that it would be a hard matter for us to add anything in the way of praise. For summer and fall blooming sow in the spring, and if transplanted to a cool, shady place, the flowers will be much larger. The wilted flowers and seed pods should be kept picked off, which will prevent exhausting the plants, and continue their blooming. For early spring blooming sow in August and September, transplanting to slightly elevated beds of light, rich loam, thoroughly fertilizing with well rotted manure and protecting with evergreen boughs or other light covering.

91 Trimardeau. Is of French origin, the flowers of which are the largest of any variety; each flower is marked with three large blotches or spots quite distinct. Mixed colors. 20c.

92 Odier, or Five-Blotched. Beautifully colored, each petal marked with a large, dark blotch. Extra choice strain, mixed colors. 20c.

93 Giant Mixed. Our very choice mixture comprises the preceding two strains and many other equally choice ones, both of the Mammoth strains and those which are noted for their peculiar markings as well. Our price is very low for this choice seed. 20c.

94 Choice German mixed. 10c.

95 Choice English mixed. 10c.

96 Extra large mixed. 10c.

97 Good mixed. 5c.

PETUNIA.

Petunias are unsurpassed for massing in beds. Their richness of color, duration of bloom and easy culture will always render them popular. They do well sown in open border in spring, or earlier in cold frame or hot bed, and transplanted eighteen inches apart. Tender perennial, but bloom profusely the first year. 3-4 to 1 1-2 ft.

98 Large flowered mixed. 10c.

99 Finest Striped and Blotched. Saved from striped and blotched varieties only. 10c.

100 Inimitable Dwarf. Compact, eight inches in height, covered with regularly striped flowers. 10c.

101 Fine mixed. 5c.

PHLOX DRUMMONDI.

A very popular annual. But few flowers are more showy or beautiful or can be cultivated with greater ease. Their long duration in bloom, combined with their almost unequalled richness of color, render them of invaluable service in the general flower garden; 1 2 to 2 ft.

102 Giantiflora. Large flowered. Fine mixed. 10c.

103 Nana Compacta. Dwarf. Fine mixed. 10c.

104 Choice mixed. 5c.

105 Starred and fringed. 10c.

PINK.—Dianthus.

The Dianthus family furnishes us with many of our most beautiful flowers, including the Carnation, Sweet William, Florist's, Chinese and Japan Pinks, in all their varieties. Hardy and half hardy annuals, biennials and perennials, but nearly all blooming the first year from seed.

106 Heddewig's Single Mixed. (Chinensis Heddewigii.) Flowers deeply fringed or feathered; half hardy annual. 5c.

107 Double China. (Chinensis, fl. pl.) A biennial of dwarf habit; flowers the first year, but the bloom is stronger the second. 5c.

108 Heddewig's Double. (Chinensis Heddewigii, fl. pl.) Flowers very large and double, having a diameter of nearly three inches; of various shades of brilliant colors. Half hardy annual. 5c.

109 Double Diadem. (Diadematus fl. pl.) Very regular, densely double and of all tints from crimson-purple to deep black purple. Half hardy biennial, blooming freely the first season. 10c.

110 Double Imperial. (Chinensis Imperialis, fl. pl.) Very double and of great variety of colors. About one foot high. 5c.

111 Double Japan. (Chinensis Laciniatus, fl. pl.) To be appreciated these should be seen; rich in hue, very double, deeply fringed petals—only lacking fragrance to make them perfect. Half hardy biennial, blooming freely the first season. 5c.

112 Our own mixture of above varieties. 5c.

POPPY.

Well known hardy annual, very free bloomer; should be sown where wanted to grow as it does not bear transplanting well; 1 to 2 ft.

113 Carnation. Double mixed. 5c.

114 Daneborg. Brilliant scarlet, having a large silvery-white spot on each petal forming a Maltese cross; showy and striking. 5c.

115 The Shirley. Flowers large, exceedingly graceful and elegant; the colors are varied and range from blush white rose, delicate pink and carmine, though innumerable tints to bright crimson. 10c.

116 Tulip Flowered. Produces large, splendid bright scarlet flowers well above the foliage. The two outer petals of the flower form a tulip cup and after a time black spots appear at the base of each petal. Strikingly beautiful, reminding one of a dazzling bed of tulips; hardy annual; about one foot high. 10c.

PORTULACA.

Brilliant dwarf annuals, only six inches high, luxuriating in warm situations, and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

117 Single mixed. 5c.

118 Grandiflora, fl. pl. These seeds have been selected from large, double flowers of the most beautiful and brilliant colors. 5c.

ROCKET.—Hesperis.

Very pleasing, early spring flowering profuse blooming plants, with deliciously fragrant flowers, growing freely in any light, rich soil. Unlike most plants they do better if transplanted every second season; hardy perennials; 1 1-4 ft.

119 Mixed, purple and white. 5c.

SALPIGLOSSIS.

Ornamental and useful plants for autumn decoration; their curiously penciled and marbled funnel-shaped flowers produce a fine effect in beds, borders, edgings and ribbons; half hardy annuals.

120 Choice mixed. Tall, 2 ft. 5c.

121 Dwarf varieties, 1 ft. 5c.

SALVIA.

Very ornamental; flowers borne in spikes of fiery red, crimson, or blue, and continue bloom in open ground until after severe frosts. Start in heat and transplant into light soil one to two feet apart.

122 Splendens. Brilliant scarlet. The best of all the Salvias; 2 ft. 10c.

SCABIOSA.—Mourning Bride.

The old well known Sweet Scabiosa is not as generally cultivated as it deserves. The perfectly double flowers are useful for cutting; they are gracefully borne upon long, slender stems well above the foliage.

123 Tall German. Mixed. All colors; 2 ft. 5c.

124 Double Dwarf. Mixed. Of compact habit, profusely bearing globe shaped double flowers of great beauty. 5c.

SENSITIVE PLANT.—Mimosa.

Very curious and interesting plants, their leaves closing if touched or shaken; half hardy annuals.

125 Sensitive plant. Pinkish white; 1 1-4 ft. 5c.

STOCKS.

The stocks as now grown are indispensable where a fine display of flowers is wanted. To such perfection has selection brought them, that good seed will give a large proportion of flowers as double and as large as the named sorts grown from cuttings. 1 to 1 1/2 ft.

126 Dwarf large flowering mixed. This variety produces more double flowers than any other. Unequalled for bedding purposes; finest mixed varieties. 10c.

127 Giant Perfection. One of the best large flowered pyramidal varieties. Mixed colors. 15c.

127 1-2 Cut-and-Come-Again. White. 15c.

SWEET WILLIAM.—Dianthus Barbatus.

For display in the garden, the Sweet William is unsurpassed. The seed can be planted very early in the spring, in open ground, and will blossom the following summer; or it can be sown in August and will make fine blooming plants for spring. Hardy perennials; 1 1-2 ft.

128 Choice mixed. Single and double. 5c.

VERBENA.

A well-known, favorite flower, which should be more generally grown from seed. If seed is sown in February, or even the first of March, the plants will bloom freely in the summer and autumn, and will be more vigorous and produce better flowers than from cuttings. Half hardy perennial; trailer, 1 ft.

129 Italian striped. Mixed; saved from a rich collection of carnation-striped flowers. 10c.

130 Mammoth choice mixed. Extra fine strain with very large flowers and great variety of colors. 15c.

131 Very choice mixed. Selected from finest named varieties. 10c.

132 Good mixed. 5c.

WALL FLOWER.

The flowers of the Wall Flower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the Double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming single ones render them exceedingly attractive. Tender perennials; 1 1-2 ft.

133 Single fine mixed. 5c.

134 Double choice mixed. 10c.

ZINNIA.

An old very popular flower which in late years has been greatly improved. The colors are good and varied. They succeed best in a good rich soil, and sunny situation. Hardy annuals. 1-2 to 1 1/2 ft.

135 Mammoth double choice mixed, very fine. 10c.

136 Dwarf double choice mixed, 1-2 ft. 10c.

137 Haageana Double. Dwarf variety with double flowers of a deep orange color; about one and a quarter inches in diameter; fine for cut flowers. 1 ft. 10c.

138 Striped, or Zebra mixed. 5c.

139 Good double mixed. 5c.

WILD-FLOWER GARDEN MIXTURE.

140 This mixture is made from a large number of the best free-flowering annuals, and will be found very useful to sow in various places where there is quite an area to be filled up without much expense or labor. If properly cared for and weeds are kept out, this mixture will furnish flowers continually through the season. 5c.; oz. 25c.; 1-4 lb. 75c.

Purchasers of Seeds, IN PACKETS ONLY,

please bear in mind that for every dollar sent, seed may be selected to the amount of \$1.35. Please remember this is for Packets only. Or we will send six 5 cent, three 10-cent, or two 15-cent packages of flower seeds for 25 cents.

MAPLE BRAND HARD WOOD ASHES.

We have made arrangements to furnish the above brand of ashes to our customers in car lots direct from Canada. There is no better brand and we doubt if any as good.

The main features of wood ashes are that they contain Potash, Phosphoric Acid and Lime, obtained from a source which places them, naturally, in the most soluble and therefore the most available and acceptable form necessary for the plant. Potash and Phosphoric Acid are two of the mineral elements of plant food which are taken up by growing plants and removed by them from the soil.

These we cannot replace except by the application of manurial substances. When these two elements are lacking in the soil, there is an end to successful crop production, which can only be restored by their application to the soil. Fortunately, these mineral plant foods cannot be destroyed or driven off by fire. Every bit of Potash and Phosphoric Acid, and all the other minerals besides existing in vegetation, is still found in the comparatively small quantity of Ashes obtained by burning that vegetation. In applying Ashes, therefore, we return pretty nearly all the materials of real value which the crops have removed, and the fine results often obtained are herein readily accounted for.

POTASH.

Potash exists in Wood Ashes in readily soluble form, and being very caustic, it is an active agent in the decomposition of vegetable matter, and exerts an influence on the mechanical condition of the soil. This accounts for the prompt and often astonishing effect that applications of Wood Ashes usually have upon plant growth.

PHOSPHORIC ACID.

The Phosphoric Acid contained in Wood Ashes is water soluble, and like the Potash, exists in the form most acceptable to plant life. It is especially useful for the production of grain and the development and ripening of seeds generally, and experience has amply demonstrated the fact that the most efficient method of obtaining it is from Wood Ashes.

Ashes may be shipped in full cars or in bags. Price, 1 ton, \$13.00; 2 tons, \$25.00; 3 tons, \$33.00. Car lots as low as any reliable dealer. Small lots for lawn dressing delivered in any part of the city, \$1.00 per 100 pounds.



**CANADA UNLEACHED
HARD WOOD ASHES
SHIPPED IN
CARLOADS
BULK, BAGS
OR BARRELS**

Fertilizers and Fertilizing Materials.

As the demand for raw materials for home mixing has increased so in the last few years we have arranged for these goods in car lots direct from the boat and thereby save all extra expense of handling. Early buyers will get lower prices than we can furnish it at later in the season.

NITRATE OF SODA.	95 per cent. purity.
	Per 100 lbs., \$2.50; per ton, \$44.00
MURIATE OF POTASH.	80 to 85 per cent.
	Per 100 lbs., \$2.50; per ton, \$44.00
SULPHATE OF POTASH.	50 to 55 per cent.
	per 100 lbs., \$1.75; per ton, \$32.00
SULPHATE OF POTASH.	90 to 95 per cent.
	Per 100 lbs., \$2.75; per ton, \$50.00
SULPHATE OF AMMONIA.	25 per cent.
	Per 100 lbs., \$3.25; per ton, \$60.00
DIS. BONE BLACK.	15 to 18 per cent.
	Per 100 lbs. \$1.50; per ton, \$24.00
DIS. BONE BLACK.	12 to 15 per cent.
	Per 100 lbs. \$1.40; per ton, \$23.00
DRIED BLOOD.	12 to 14 per cent.
	Per 100 lbs., \$2.00; per ton, \$35.00
DRIED BLOOD.	10 to 12 per cent.
	Per 100 lbs., \$1.75; per ton, \$32.00
KAINIT.	Per 100 lbs., \$1.00; per ton, \$14.00
TANKAGE.	6 to 7 per cent. Ammonia,
	Per 100 lbs., \$1.50; per ton, \$26.00
SULPHATE OF MAGNESIA.	Per 100 lbs. \$1.00; per ton, \$15.00
PLAIN SUPERPHOSPHATE.	
	Per 100 lbs., \$1.25; per ton, \$20.00
SOUTH CAROLINA FLOATS.	
	Per 100 lbs., \$1.00; per ton, \$17.00

PURE FINE GROUND BONE.

Bone at the present price is the cheapest form in which phosphoric acid can be obtained; put up in tight bags we can ship to any state in the Union. We have shipped tons to the southern peach growers. We handle nothing but high grade bone and are in position to make very low prices on 5 and 10 ton lots. Price per ton, \$26.00; 100 lb. lots for lawn dressing delivered to any part of the city, \$2.00.

GYPSUM OR LAND PLASTER.

Plaster is Sulphate of Lime and Sulphuric Acid. The latter performs its wonderful work upon our crops when sown as Gypsum, and is the strongest of all acids. Price per ton, in bags, \$8.00; per bag, 200 lbs., 90 cents. Car loads a specialty.

ROSS BROS. SPECIAL FORMULA FOR LAWN DRESSING.

This is a mixture of Chemicals with Bone and Ashes combined in the right proportions to carry a lawn through the season. While we have a liberal supply of Nitrogen which gives the grass a very early start, we have also Bone and Potash enough to carry it through. We put this up in 25, 50 and 100 lb. bags. Price, 25 lbs., 60c.; 60 lbs., \$1.15; 100 lbs., \$2.00.

The Mapes Fertilizers Head Both Lists of Fertilizers Reported by the Connecticut Experimental Station.

(From the *American Agriculturist*, March 30, 1895.)

The Mapes Fertilizers have long been recognized as the standard in quality. Mr. Mapes, like his father, Prof. Mapes, before him, has been a leader in developing the manufacture of fertilizers of the highest grade. He believes that the best fertilizers are the cheapest; and demonstrates this by the analysis of his goods, not only for the present year, but for a long series of years. In every case the Mapes Fertilizers are found to contain even more actual plant food than is stated in their guarantee, so that they can always be depended upon to give value received. As to their crop producing power, and the profit that follows the use of the Mapes Manures, thousands of farmers testify in the most emphatic manner. The books of the Mapes Company contain an immense fund of practical and valuable information on the whole subject of fertility, and can be consulted to advantage by every farmer. Mr. Mapes has long been careful to employ not only the best materials in making the Mapes manures, but to supply the nitrogen, particularly in various forms, so as not only to give the crop a good start, but back it up as the season advances.

Basis of the Mapes Manures is Pure Bone,

the BEST FORMS of Ammonia, Nitrogen and Potash are added and in the best proportions. They enrich the soil same as stable manure. Hundreds of farms brought up and maintained in rich condition with paying crops for some twenty years, including the past years of 1896 and 1897.



Report from J. Milton Bergen, Jamaica, Long Island, N. Y., November 11, 1897.

The piece of ground contained, by survey, 1 ³⁰/₁₀₀ acres, and was enclosed by a fence, so the exact acreage was less than 1 ³⁰/₁₀₀ acres, as it could not be all cultivated on account of the above mentioned fence, so I should judge at least a six foot strip on all sides of the field was not cropped. Applied 10 bags Mapes Potato Manure per acre. The piece was hoed twice, cultivated three times, and hilled. The yield of the field was as follows: Four hundred and seventy-five bushels of big potatoes, twenty-five bushels of culls, making a total of four hundred and ninety bushels of potatoes.

The returns were 475 bushels, or 158 ¹ / ₂ barrels of big potatoes, at \$2.50 per barrel,	\$395.83
Cull potatoes, 25 bushels, or 8 ¹ / ₂ barrels, at \$1.00 per barrel,	8.33

Total receipts,

\$404.16

Mr. Bergen has been a constant user of the Mapes Manures for some twenty years.

- Potato Manure.** Ammonia, 4.50 to 5 per cent.; Phosphoric Acid, 8 to 10 per cent. (soluble and available, 8 per cent.); Soluble Potash, actual, 6 to 8 per cent., all as high grade Sulphate, and in forms free from Murates (or Chlorides), Magnesia, Lime, etc. For Irish and Sweet Potatoes, also for Asparagus, Early Vegetables, Tomatoes, Sugar Beets, Sorghum and Sugar Cane. Per ton, \$40.00
- Corn Manure.** Ammonia, 3.50 to 5 per cent., Phosphoric Acid, 10 to 12 per cent. (soluble and available, 8 to 10 per cent.); Soluble Potash, actual, 6 to 7 per cent. For Sweet Corn, Fodder Corn, Hungarian Grass, Millet, Late Turnips, Late Cabbage, and Seeding to Grass. Per ton, \$37.00.
- Complete Manure** (for general use.) Ammonia, 4 to 5 per cent.; Phosphoric Acid, 10 to 12 per cent. (soluble and available, 8 to 10 per cent.); Soluble Potash, actual, 4 to 5 per cent. A substitute for stable manure. For use on all crops and all soils, with or without stable manure. Use broadcast; if any in hills, use sparingly. Special for Oats, Hungarian Grass, Vegetables, Melons, Tomatoes and Seeding with or without grain. Per ton, \$39.00.
- Grass and Grain Spring Top Dressing** Ammonia, 5 to 7 per cent.; Phosphoric Acid, 7 to 9 per cent. (soluble and available, 7 per cent.); Soluble Potash, actual, 5 to 7 per cent. Per ton, \$40.00.
- Economical Potato Manure.** Ammonia, 4 to 5 per cent.; Phosphoric Acid, 6 to 8 per cent. (soluble and available, 4 to 5 per cent.); Soluble Potash, actual, 8 to 10 per cent.; all as high grade Sulphate and in forms free from Murates (or Chlorides). Per ton, \$36.00.
- Fruit and Vine Manure.** Ammonia, 2 to 3 per cent.; Phosphoric Acid, 7 to 9 per cent. (soluble and available, 5 to 7 per cent.); Soluble Potash, actual, 10 to 12 per cent.; all as high grade Sulphate and in forms free from Murates (or Chlorides). For insuring fruiting power, particularly in quality of fruits in vineyards (Grapes), Pears, Apples, Plums, Strawberries, and small fruits. Is slow in effects. Per ton, \$39.00.
- Complete Manure.** ("A" Brand.) Ammonia, 3 to 4 per cent.; Phosphoric Acid, 12 to 16 per cent. (soluble and available, 10 to 12 per cent.); Soluble Potash, actual, 2.50 to 3.50 per cent. For use in hill or drill on all crops, particularly in connection with farm manure. Special for Peas, Beans, Buckwheat and Turnips. Per ton, \$35.00.
- Complete Manures for Light Soils, or Vegetable Manure for all Soils.** Ammonia, 6 to 8 per cent.; Phosphoric Acid, 8 to 10 per cent. (soluble and available, 6 to 8 per cent.); Soluble Potash, actual, 6 to 8 per cent. This is our special manure on all kinds of soils. For Truck, Early Vegetables, Onions, Celery, Tomatoes; also on light soils for Oats, Hops and Barley. All vegetables require liberal supplies of soluble potash, and in the proper forms. Even with heavy or clay soils the natural supplies of potash are insufficient. Per ton, \$42.00.
- Economical Manure,** Ammonia, 3 to 4 per cent.; Phosphoric Acid, 8 to 10 per cent. (soluble and available, 6 to 8 per cent.); Soluble Potash, actual, 8 to 10 per cent.; Magnesia, Lime, Soda etc., 76 to 80 per cent. For Potatoes, Corn and General Crops, or any purpose where a Complete Manure is required—one very rich in Potash (soluble). The Potash is in the form of Sulphate and Murate. It is not "forcing," but contains all the elements essential in producing seed and tuber development—early ripening and permanent improvement to soil—particularly for grass. Per ton, \$35.00.
- Cereal Brand.** Ammonia, 2 to 3 per cent.; Phosphoric Acid, total, 8 to 10 per cent. (soluble and available, 6 to 8 per cent.); actual Potash, 3 to 3.50 per cent. For Corn, Oats, Rye, Buckwheat, etc. Specially adapted for use in hill or drill. Per ton, \$28.00.

Bradley's - Standard - Fertilizers.

Whatever the crop or the
conditions, if you buy
Bradley's
You take no chances.

In buying their products you gain all the benefit of their own exhaustive experiments in practical agriculture, covering more than the third of a century and checked by the experience of hundreds of thousands of farmers who have used Bradley's Fertilizers with unvarying satisfaction upon millions of acres of land, upon all kinds of crops, and under all the varying conditions of soil and climate.



BRADLEY'S POTATO MANURE

For growing Smooth, Sound Potatoes of the Best Quality, without Barnyard Manure. Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas which repeated field tests have proven will produce the largest crops of smooth, sound potatoes. The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced "special potato manures" whose alleged scientific combination is their principal claim to the farmer's patronage.

Bradley's Complete Manures are the richest and most concentrated fertilizers sold, as has been abundantly proven by actual results in the field. They are manufactured from the very best plant-food materials obtainable, combined in such form and proportions as long practical experience has proven will yield the largest crops of the best quality.

Bradley's Complete Manures are in the fullest sense "complete" fertilizers, and the four grades furnish complete plant-food in the best forms for all crops grown.

Bradley's Complete Manures for Potatoes and Vegetables

Is particularly rich in ammonia and potash, and has given phenomenal results in growing large crops of the best quality of potatoes, onions, beets, turnips, carrots, cabbages, squashes, melons, etc. It is the most perfectly balanced fertilizer manufactured for growing all kinds of root crops and market garden truck. It is the market gardener's favorite.

Bradley's Complete Manure with 10 per cent. Potash,

For the use of farmers who may prefer more potash for any special crop or soil. Unlike other fertilizers containing high percentages of potash, this manure is well balanced, the amounts of the other plant-foods not being sacrificed for the sake of the potash. It is, therefore, better adapted than any other brand to the use of those who believe in large amounts of this ingredient.

OUR PRICES FOR 1898.

Bradley's XL Phosphate, 25 lb. bag,	\$.60	Bradley's XL Phosphate, in 100 lb. bags, ton lots,	\$33.00
Bradley's XL Phosphate, 50 lb. bag,	1.00	Bradley's Potato Manure, in 100 lb. bags, ton lots,	33.00
Bradley's Complete Manures for Potatoes and Vegetables—Corn and Grain—Top Dressing and Grass and Grain—			
Bradley's Complete Manure with 10 per cent. Potash, in ton lots, \$37.00.			

SPECIAL PRICES ON FIVE AND TEN TON LOTS.

REQUISITES FOR THE POULTRY DEPARTMENT.

ABOUT JOE AND JIM, AND WHAT PRATT'S FOOD WILL DO.

JOE'S WEIGHT, 1680 POUNDS.



JIM'S WEIGHT, 1415 POUNDS.

Joe and Jim are the names of two of our old standbys, and are as well known around the shipping depots in Philadelphia as the policeman on that beat. Joe, the Grey, is eleven and a half years old, and has worked steadily sending Pratt's Food to all parts of the world for the past six and a half years, and has never lost a day from sickness; in fact, never lost a meal. Jim, the Sorrel, has been in harness for four years with the same record, not having lost a day or meal; but they get Pratt's Food regularly.

The wagon weighs 2330 pounds, and 7000 to 8000 pounds is the average load they haul in addition, so you see they do honest, hard work. Their record, we claim, is due to the constant use of Pratt's Food. In all the years we have been in business we have never had a horse lose a single day on account of being out of condition. We are telling you all this to demonstrate what a money-saver it is to feed Pratt's Food. Are you feeding it to your own stock?

PRATT FOOD CO., PHILADELPHIA.

PRATT'S FOOD FOR HORSES AND CATTLE.

Is absolutely pure and free from poisons and all other injurious ingredients. A purely vegetable preparation, containing no mineral or other poison. It is not a medicine nor a condition powder, but should be fed regularly.

.... PRICES.

Poultry Food, large size, each.....\$.60	Poultry Food, 25 lb. bags, each.....\$2.50
Poultry Food, small size, each25	Cattle Food, 12 lb. bags, each..... .75
Poultry Food, 12 lb. bags, each..... 1.25	Cattle Foods, 25 lb. bags, each..... 1.50

In addition to Pratt's we keep nearly all the leading Poultry Foods.

Old Fashioned Beef Scraps, per 100 lbs...\$1.75	Cracked Bone.....\$2.00
Peerless Brand Oyster Shells, per 100 lbs.. .60	Mica Gritt...\$.75
Sheridan's Condition Powders,.....large size, 80 cents; small size, 20 cents	Meat Meal.....2.00
Mathews' Poultry Food.....large size, 50 cents	
China Nest Eggs, per dozen.....35 cents; each, 4 cents	



Homer City and Excelsior Incubators.

NO MORE BOTHER WITH HENS.

It seems hardly necessary to take any of your time in favor of artificial incubation, for incubators have been used successfully for years, and we believe that the only profitable way to raise chickens is by artificial heat. We have made arrangements to furnish the two above makes at factory prices, and will be pleased to mail large catalogues giving full description and complete price list.

The Homer City Incubators, as recently improved, are without doubt among the leaders of all hot air machines.

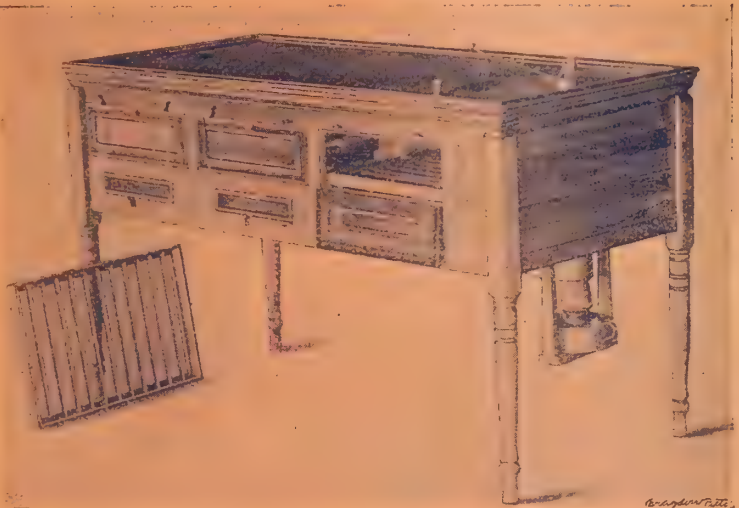
The new X Base Regulator controls the temperature both above and below the eggs, thus guarding against a change of temperature in any part of the egg chamber.

The ventilation is so arranged as to prevent draughts of air, and the openings to the ventilating shaft being in the bottom of egg chamber renders it impossible for injurious gases to collect, thus insuring pure air at all times during incubation.

The incubators are provided with adjustable tray slides, and the extra doors at the bottom and smooth floor make the cleaning out of the machine an easy matter.

All machines are packed with asbestos to guard against fire and prevent climatic changes affecting the inside temperature.

The workmanship and stock used in construction are first class, and the exterior finish renders them highly ornamental. Before buying an incubator be sure and see the "Homer City."



Incubator, 300-Egg Capacity.

PRICE LIST.

INCUBATORS.

100-Egg capacity.....	\$20.00
200-Egg capacity.....	30.00
300-Egg capacity.....	40.00
400-Egg capacity.....	50.00

DUCK SPECIAL.

No. 1. 200-egg capacity.....	\$35.00
No. 2. 300 egg capacity.....	45.00
No. 3. 400-egg capacity.....	60.00

BROODERS.

100-chick capacity, self regulating, with run.....	\$12.00
200-chick capacity, self regulating, with run.....	14.00
100 chick capacity, center heat, without run.....	6.00
200 chick capacity, center heat, without run.....	8.00
Either of center heat with run extra.....	2.00
200-chick capacity, outdoor brooder.....	10.00
100-chick capacity, hot water pipe system, one section.....	10.00
200 chick capacity, hot water pipe system, two sections.....	15.00
300-chick capacity, hot water pipe system, three sections.....	20.00
400-chick capacity, hot water pipe system, four sections.....	25.00
Each section is 3x3 ft. Special catalogues sent on application.	

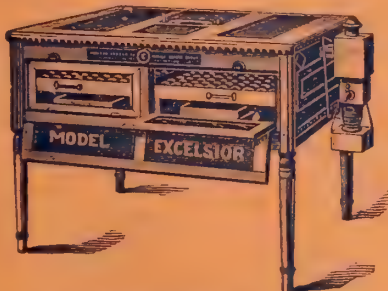
THE MODEL EXCELSIOR INCUBATOR.

This is the hatcher for business, but lack of space prevents us from giving anything like a complete description. It is built of solid birch, packed with mineral wool; the heating is done by hot water; the regulator is simple, but cannot fail to work whether the egg chamber becomes too hot or too cold. The Excelsior is sold on its merits. The new Simplex Incubator and Brooder, 200 egg size, is the latest combination and is a complete chicken factory. In deciding which make to buy do not fail to send for large illustrated catalogue giving minute description and prices of all sizes from one hundred to one thousand egg size.

SOMETHING FOR THE BOYS.

Instructive, Amusing and Profitable. While but the size of a live hen, it has double the capacity.

Wm. Stahl's Wooden Hen.—This is not a toy but a success; it is so simple that any boy or girl can run it successfully and hatch chickens the year round. It is guaranteed



No. 1 Model Excelsior, 100 Eggs.

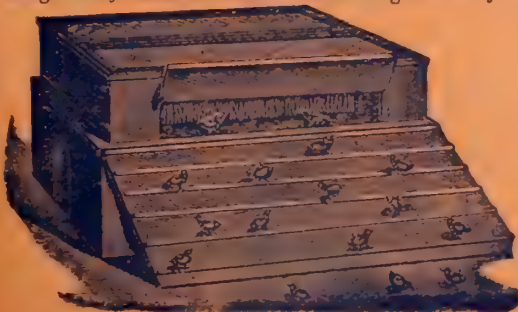
to be perfectly reliable, absolutely self regulating, economical and perfect hatching; it is the hatcher for the amateur, women, children, or anybody wishing to make the poultry business profitable, and at the same time instruct and amuse them in their leisure moments. Price only \$6.00.

Auntie, the Nurse.—Size, 12x16 inches. Capacity, 30 chicks. By using Auntie, the Nurse, the chicks will grow finely and be perfectly contented.

This brooder is provided with both top and bottom heat, and, being portable, can be moved from one place to another thus giving the chicks a change of location. Both hen and nurse can be kept in a very small space in cold weather, and chickens can be started a month earlier, which will always bring double for broilers and eggs for Thanksgiving. The hen and nurse should go together.



Price of Nurse, \$4.00.



Thoroughbred Poultry and Eggs for Hatching.

SINCE one year ago we have changed our poultry houses and have fitted up after the most improved methods, pens which cannot be surpassed for breeding purposes. We offer Eggs for setting from the two well known breeds, White Wyandottes and Barred Plymouth Rocks. All eggs will be carefully packed and delivered to Express Office. We cannot guarantee any number to hatch, but every egg will be fresh and true to name.

WHITE WYANDOTTES.

This breed is our favorite, and we have for the past five years predicted that the day was near at hand when they would stand at the head of the list for pleasure or profit, and we think they can safely make that claim now.

We have some very fine birds, good size, yellow legs, small combs and perfect in every point. Eggs for Setting of 13, \$2.00, 26 for \$3 00.

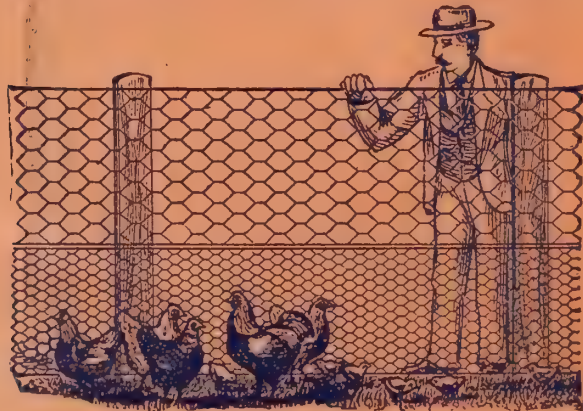
BARRED PLYMOUTH ROCK. This well known American bird needs no description. We have improved our breeding pen by paying very high prices for choice stock, and there is none better if you pay double the price. Eggs for Setting of 13, \$2.00. Visitors always welcome to examine our stock.



A Pair of White Wyandottes.

Galvanized Special Twist Poultry Netting.

All widths from one to six feet; one and two inch mesh. No 19 and 20 wire, the cheapest poultry fence out. We don't purpose to be undersold in this class of goods. In ten bale lots we can shade the following prices a little:

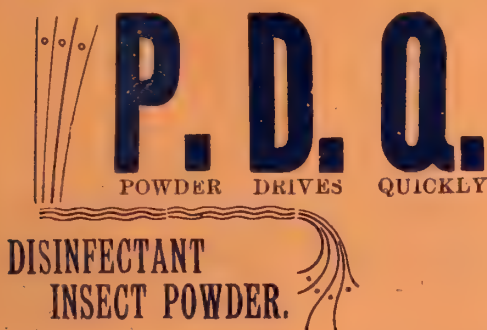


1 foot No. 19 Wire, 2 inch Mesh,				No. 20,	
1	"	"	"	"	\$0.70
1½	"	"	"	"	1.10
2	"	"	"	"	1.35
2½	"	"	"	"	1.75
3	"	"	"	"	2.00
4	"	"	"	"	2.70
5	"	"	"	"	3.35
6	"	"	"	"	4.00
1 foot No. 19 Wire, 1 inch Mesh,				No. 20,	
1	"	"	"	"	\$1.75
1½	"	"	"	"	2.65
2	"	"	"	"	3.50
2½	"	"	"	"	4.35
3	"	"	"	"	5.25
4	"	"	"	"	7.00
5	"	"	"	"	8.75
6	"	"	"	"	10.50

Insecticides for Poultry, Cattle and Plants.

MERIT WINS.

Which is the reason of the enormous sale last season of the celebrated



Which was awarded the First Prize and Diploma by the Judges at the great Rhode Island State Fair, held in Providence, Sept. 6-10, 1897, as being the best article upon the market to destroy Fleas, Lice and all Vermin from Dogs, Cats, All Animals, Poultry and Plants.

Guaranteed not poisonous. No washing of animals necessary. Prices, One pound box 25c., Five pound bag \$1.00: If by Mail or Express Prepaid add one cent per ounce.

I have examined the P. D. Q. Powder here described and should be willing to write on every box, "Personally Guaranteed" by Prof. Willard H. Morse, M. D. F. B. S. Sc.

MANUFACTURED ONLY BY THE

Worcester Compound Co., Main office and Factory, 116 Gold St., Worcester.

BRANCH OFFICES: New York, City, 313 Broadway.
Chicago, Ills., 1804 Manhattan Building.
Philadelphia, Pa., 1523 Chestnut Street.

Buffalo, N. Y., 502 D. S. Morgan Building.
Boston, Mass., 370 Washington Street.

We are selling agents for these goods and can ship immediately any quantity at factory prices. Packed as follows: 1 lb. boxes in cases of 3-6-12 dozens each. 5 lb. bags in cases of 1 and 2 dozens each.



Bug Death.

It is a non-poisonous article that effectually takes the place of Paris Green and other dangerous insect powders. It is sure death to the Potato, Squash and Cucumber Bugs, Currant and Tomato Worms and many other plant eating pests. It is a plant food of great merit, a benefit instead of injury to all plants, and prevention of blight or rust to the potato tops, keeping the tops healthy until the potato fully matures, which means a more starchy and perfect potato, less liable to rot. It is applied dry, which saves the trouble and expense of carrying water. It will not blow or wash off, saving the expense of applying after every shower. It can be applied early in the morning when plant is wet or during damp, drizzly weather. The advantage of applying it while the vine is damp is that it will adhere to the vine under all conditions and can be done while the farmer is waiting for good weather and is there ready for the grub as soon as hatched. Price, 1 lb. 15c., 3 lbs 35c., 5 lbs 50c., 12½ lbs. \$1.00. **GIVE IT A TRIAL.**

Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897.

the vine is damp is that it will adhere to the vine under all conditions and can be done while the farmer is waiting for good weather and is there ready for the grub as soon as hatched. Price, 1 lb. 15c., 3 lbs 35c., 5 lbs 50c., 12½ lbs. \$1.00. **GIVE IT A TRIAL.**

Morrill's Canker Worm Exterminator.

A sure protection for fruit and ornamental trees from the ravages of the grub and canker-worm. As easily applied as paint or whitewash, by first placing a band of tarred paper, six inches in width, securely fastened around the tree four feet above the ground, then covering the paper thoroughly with the exterminator, using a common paint brush. For 2 lb. cans, 30c., 3 lb. cans, 45c., 5 lb. cans, 60c., 10 lb. cans, \$1.10, 20 lb. cans, \$2.00.

TOBACCO DUST. Kills green and black fly, etc., if dusted on when the plants are moist. Small size, 15 cents, large size, 25 cents.

Greeley's Cholera Cure. The only known and unfailing remedy for cholera, indigestion, diarrhea, and bowel diseases of poultry, Price, 50c.

GREELEY'S ROUP CURE. The result of twenty-five years' experience. A sure cure if used in season. Price, 25c.

Lambert's Death to Lice. As its name implies, it is sure death to lice on hens and chickens. It is harmless to human and animal life. Should be used on setting hens; it will not injure the eggs or harm the youngest chicks. Large size, 50c., small size, 25c.

HAMMOND'S SLUG SHOT.

Hammond's Slug Shot is a combination of the most potent insecticides and soluble plant food, not harmful to either man, beast or fowl, but probably the most effective and economical article in use for the destruction of the various insects that prey up on cultivated vegetation. It is put up in paper bags, holding 5 and 10 pounds each, and in barrels loose. 5 lb. package, 25c., 10 lb. package, 50c., in barrels, per lb. 4c.



STRICTLY PURE PARIS GREEN.

For the destruction of the potato bug. Per lb. 25c., 1-2 lb. 15c., 1-4 lb. 10c.

LONDON PURPLE.

Used by some in place of Paris Green. Per lb. 25c.

HELLEBORE.

Sure death to the currant worm. Per lb. 25c., 1-2 lb. 15c., 1-4 lb. 10c.

WHALE OIL SOAP.

For destroying insects on plants, etc., in small boxes, per box, 25c., in 10 lb. lots or over, per lb. 10c.

LION BRAND BORDEAUX MIXTURE.

This mixture is a scientific preparation and combined in a manner heretofore unknown, thus enabling the manufacturer to place it on the market in practical and useable shape, as by simply adding water and stirring it is ready for use. It is put up in one-gallon patent cans. Retail for \$1.00. One gallon will make 50 gallons by the addition of 49 gallons of water. Actual cost to you when ready for use, two cents per gallon. This places it within the reach of all. You cannot afford to be without it.

Gallon Cans, \$1.00.

FUNGICIDE OR BORDEAUX MIXTURE.

In dry form. This is designed to be used either dry or mixed with water. 1 lb. box, 15c., 5 lb. box, 65c., 50 lb. kegs, \$5.00.

COLD TAR.

In quart tin boxes. For tarring corn to prevent crows from pulling it. Per can, 25c.

PRICE LIST OF STANDARD FLOWER POTS.

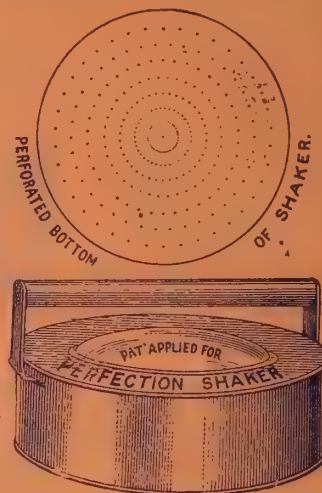
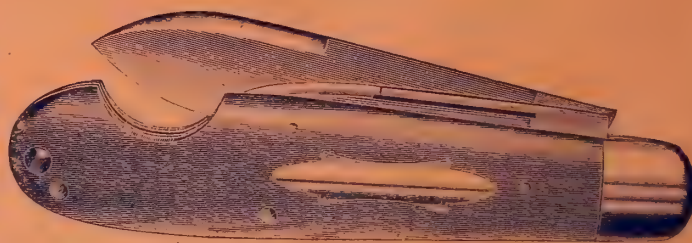
Large assortment of fancy pots always on hand.

	Pots.	Saucers.	Both.
2½ inch, per 100	\$ 1 00		
3 " "	1 40		
3½ " "	1 70	\$ 1 40	\$ 3 10
4 " "	2 20	1 80	4 00
4½ " "	2 50	2 00	4 50
5 " "	4 00	2 25	6 25
5½ " "	5 00	2 50	7 50
6 " "	6 00	3 00	9 00
6½ " "	8 00	3 50	11 50
7 " "	10 00	4 00	14 00
8 " "	14 00	6 00	20 00
9 " "	20 00	8 00	28 00
10 " "	27 00	10 00	37 00
11 " "	36 00	12 00	48 00
12 " "	50 00	15 00	65 00
14 " "	100 00	25 00	125 00
15 " "	150 00	30 00	180 00
16 " "	200 00	35 00	235 00

Discount 25 per cent. in 100 lots or over; in lots of 1000 or over, 40 per cent. off.

PERFECTION SHAKER.

Especially adapted for applying Bug Death, Slug Shot, Paris Green, and other powders. Price 50c.

THE EASY OPENER, OR THE FARMER'S FRIEND
POCKET KNIFE.

We offer in this knife something every farmer should have, an American made knife with hand forged blades of best razor steel, tested and warranted. We realize the difficulty in getting warranted knives at the country stores, and have had this knife made for our retail trade, and buying in very large quantities we are able to sell them at a popular price. The knife is as good as most \$1.00 knives; as any 75 cent knife; and better than any 60 cent knife; but we will sell it postpaid for 55 cents or by express or freight with other goods for 50 cents.

RUBBER ATOMIZERS.

This is a useful little devise for house or out door use. Made of best rubber and distributes Bug Death, Hellebore, Slug Shot or poisonous liquids. Price, 75 cents.



NO TRESPASSING
UNDER PENALTY
OF THE LAW.

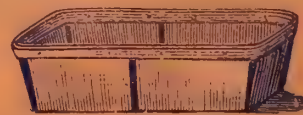
Board Signs stenciled as above 6 x 18 inches.
10 cents each; \$1.00 per dozen.

STRAWBERRY BASKETS.

We buy these in car load lots and have the finest baskets on the market. Our wire fastener does not injure the fruit like a tacked basket. We are in position to make very low prices on fifty and hundred thousand lots.



Quart Basket,



Verbena.

Price for 1000 No. 1, \$4.50; No. 2, \$3.75; 10,000 lots 25 cents per M. less.

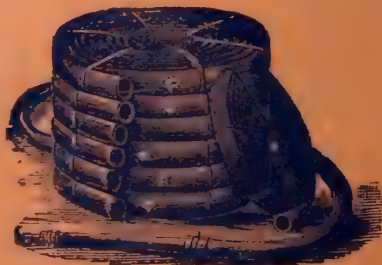
Verbena Baskets, per 1000, \$11.00; 5000 lots, \$1.00 per M. less.

RUBBER AND COTTON HOSE AND LAWN GOODS.

We shall carry a large stock of all grades of Hose, Hose Reels, Lawn Sprinklers. Etc. We will warrant our New Method to stand the pressure of 500 lbs; our Summit hose to stand the high service for two years, and our Extra Standard for one year. The following prices include couplings.

Summit, 3-ply, 3-4 inch, per foot.....\$0.12
Extra Standard, 1-2 inch, per foot..... .08
Extra Standard, 3-4 inch, per foot..... .10
Best Extra Cotton, 1 2 inch, per foot.... .08
Best Extra Cotton, 3-4 inch, per foot.... .10

New Method, 1-2 inch, per foot.....\$0.12
New Method, 3-4 inch, per foot..... .14
Trade, 3-4 inch, per foot.... .08
Hose Nozzles, each..... .25



Heavy Farming Tools.

You will observe that we make two prices: one the List Price and the other our Net Cash Price; and what we mean by Net Cash is where goods are not charged on the books. We cannot afford to charge goods on our books at these reduced cash prices, and only make them to save office work. You cannot afford to lose this cash discount. Our prices are down with the times, and several new tools are offered.

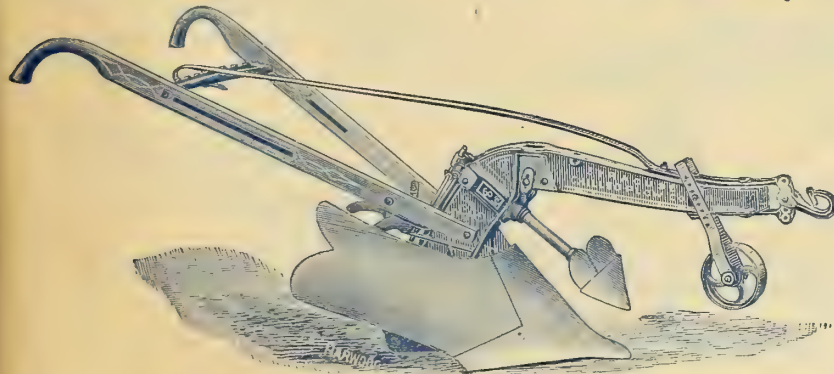
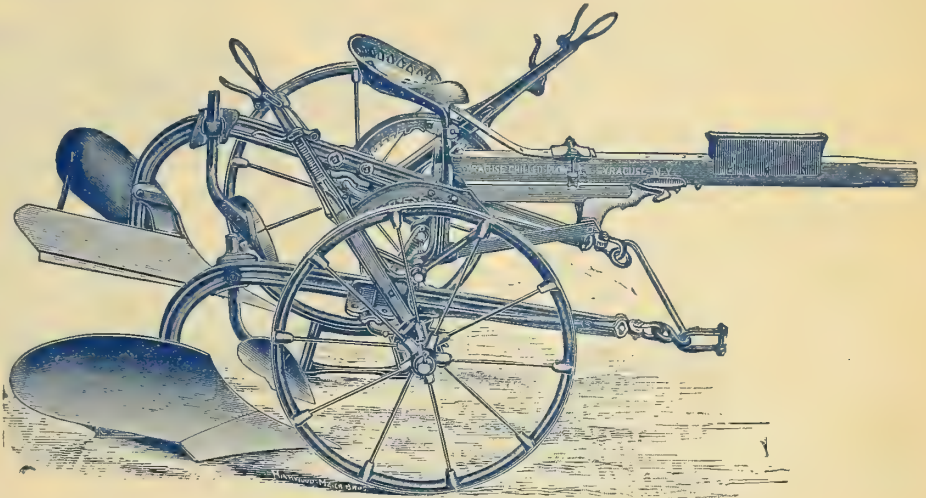
SYRACUSE REVERSIBLE SULKY PLOW.

Steel Moldboards and Strips
Chilled or Steel Points. An
Extra Set of Points Goes
with Each Plow.

Does perfect work on hillside or level land; no ridges or dead furrows. Light and strong, simple and practical. Power lift for raising plows. An adjustable pole regulates the width of furrow, also avoids all side strain on the team. Lighter in draft than a hand plow, doing the same work.

List Price..... \$55.00

\$12.00 discount for cash, or \$10.00 discount if charged.



SYRACUSE WOOD AND STEEL BEAM PLOWS.

The New No. 60 Plow.

The Syracuse Hand Plows are in no way inferior to their Sulky Plows and are now one of the leading plows, having taken several first premiums in competition with the so-called best plows.

PRICES.

	List Price.	Discount for Cash.
No. 14. Two-horse, 5 to 7 in deep, steel beam and wheel....	\$10.50	\$1.00
No. 60. Two-horse, 4 to 7 in. deep, iron beam, wheel and jointer, cast moldboard..	14.00	1.00
No. 60. Two-horse, 4 to 7 in. deep, steel beam, wheel and steel moldboard.....	15.00	1.50
No. 69. Two-horse, 5 to 7 in. deep, wood beam, wheel and jointer and cutter.....	14.00	2.00

SYRACUSE LAND SIDE PLOWS.

PRICES.

	List Price.	Discount for Cash.
No. 31. Steel moldboard, wheel and jointer or cutter, light two-horse.....	\$15.00	\$1.50
No. 32. Steel moldboard, wheel and jointer or cutter, medium two-horse.....	15.00	1.50
No. 52. Wood beam, one horse...	6.00	.50
No. 53. Light two-horse or one-horse, wood beam.....	8.00	1.00
No. 5. Vineyard plow, iron beam with wheel.....	7.50	.50



We furnish extra point with all plows at prices quoted.

No. 32, Steel Moldboard.

NATIONAL REVERSIBLE SULKY PLOW.

Works equally well on side hill or level land, and in all kinds of soil, doing better work than can be done with walking plows. Easily managed. With it a boy can do a man's work.

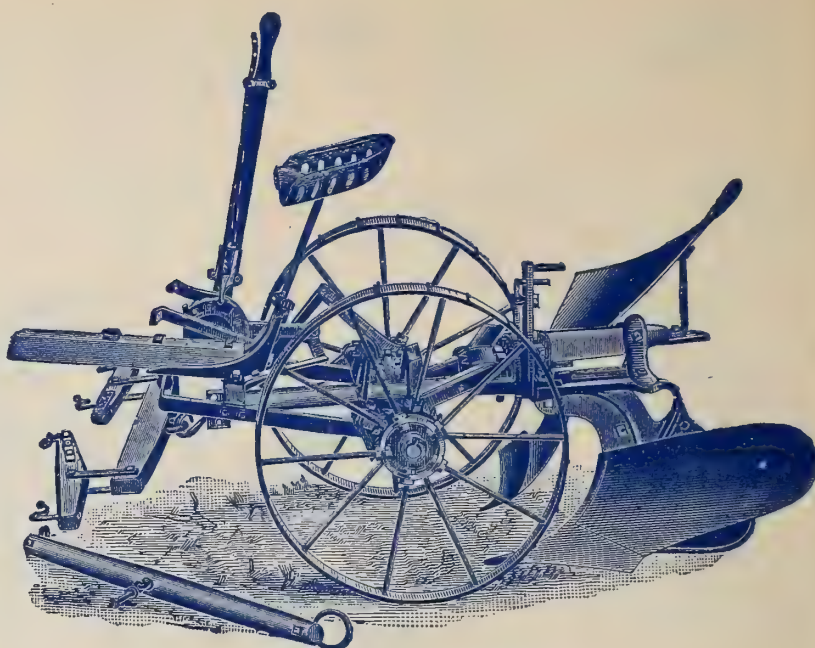
List price, \$35.00; discount for cash, \$12.00

THE YANKEE SWIVEL PLOW.

New series, with Patent Spring Foot Latch, Automatic Jointer and Straight Steel Coulters.

	PRICES.	List Price.	Dis. for Cash.
No. 00 H with Foot Latch Wheel...	\$ 8.75	\$0.75	
No. 0 H with Foot Latch Wheel...	9.50	1.00	
No. 1 H with Foot Latch, Wheel and Coulter....	13.50	1.50	
No. 2 H with Foot Latch, Wheel and Coulter.....	15 00	2.00	
No. 3 H with Foot Latch, Wheel and Coulter.....	16.00	2.00	

We furnish extra point with all plows at price quoted.

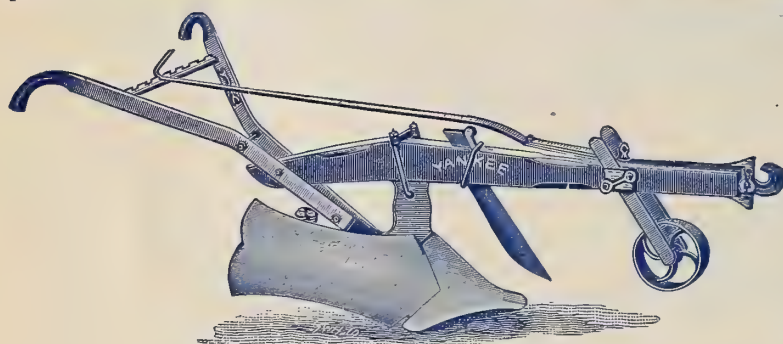


National Sulky Plow.

DOE CAST IRON PLOW.

	PRICES.	List Price.	Dis. for Cash.
No. E 0. Wood beam.....	\$ 5.00	\$1.00	
No. E 1.....	6.00	1.25	
No. E 2.....	7.00	1.50	
No. E 3.....	8.00	1.50	
No. E 4.....	10.00	2.00	

We furnish extra point with all plows at price quoted.



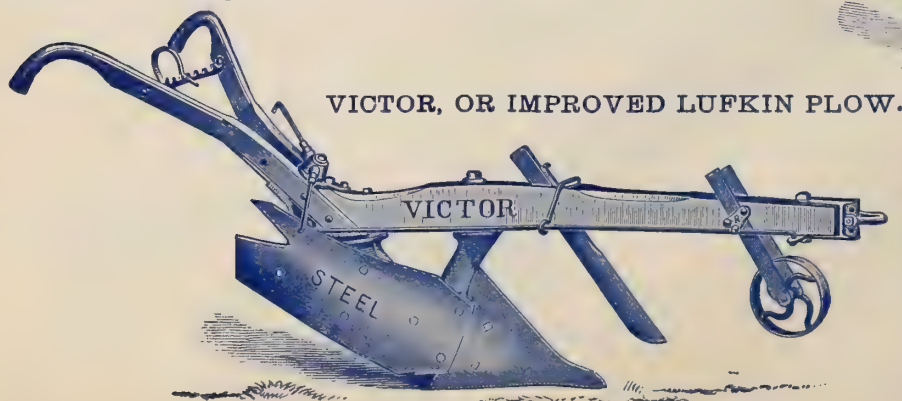
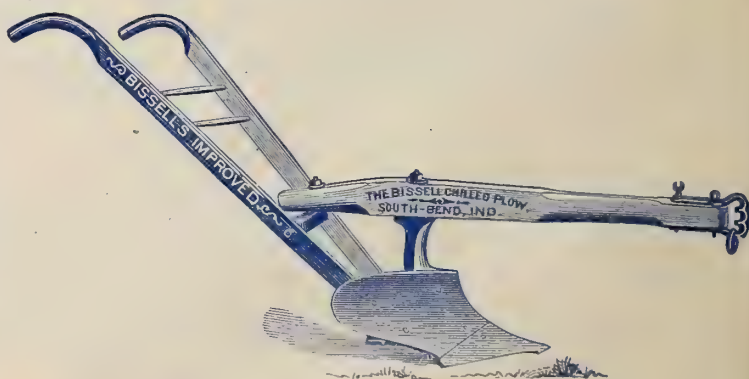
No. 3 H with Wheel and Cutter.

BISSELL'S OLIVER PATTERN PLOW.

All parts of this plow are warranted to interchange with the Oliver; same style of plow, with a better Chilled Mouldboard. Agents wanted in all unoccupied territory.

	PRICES	List Price	Dis. for Cash
No. A, light one-horse.....	\$4.50	\$.50	
No. B, medium ".....	6.00	1.00	
No. 10, large ".....	7.00	1.00	
No. 19, small two-horse.....	8.50	1.00	

The above prices are without wheel; if wheel is wanted add \$1.00 net to above prices.



VICTOR, OR IMPROVED LUFKIN PLOW.

WITH PATENT SHIFTING CLEVIS.

One of the best flat furrow plows made. Mouldboard made of steel and best material used throughout.

	PRICES.	List Price	Dis. for Cash
No. 1, Steel, one-horse.....	\$12.00	\$1.00	
No. 2, Steel, two-horse.....	14.50	1.50	
No. 3, Steel, two-horse.....	15.50	1.50	

The New '76 Swivel Plow, with Patent Foot Latch.



This is our leading and best selling plow. All parts of this plow interchange with the one made at Castleton, Vt., but the material and workmanship is far superior. Our prices you will see are lower than ever before, and we guarantee every plow and every part.

No. 76-A. Two-horse, hard metal moldboard, wheel and cutter; list price, \$15.00; discount for cash, \$4.00.

No. 76 B. Two horse, hard metal moldboard, wheel and cutter; list price, \$14.00; discount for cash, \$4.00.

Either of the above furnished with steel moldboard at \$1.00 net extra.

No. 76 C. One-horse hard metal wheel; list price, \$9.50; discount for cash, \$1.50.
Without wheel, 50c. less.

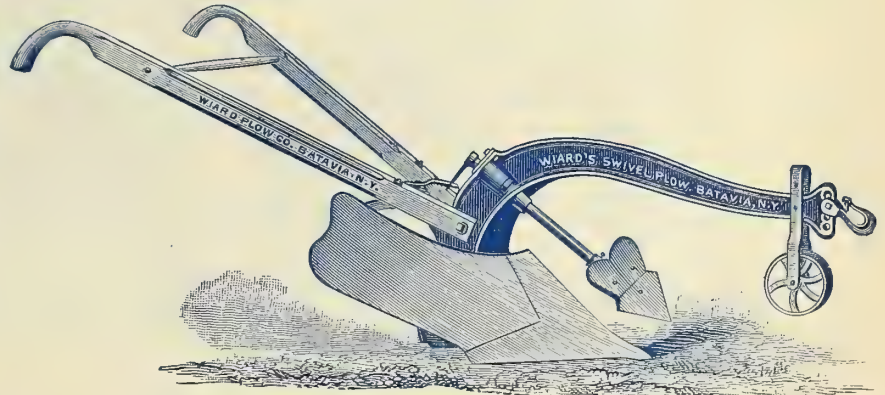
Wiard Swivel Plows—For One and Two Horses.

We have this make of plows in stock and are in position to furnish old Agents at Factory Prices.

No. 115. Iron beam, light, two-horse, shifting clevis wheel and cutter, list price, \$14.00, discount for cash, \$1.00.

No. 140. Wood beam, light, two horse, shifting clevis wheel and jointer, list price, \$12.50, discount for cash, \$1.50.

No. 21. Wood beam, one horse, wheel and clevis, list price, \$8.50, discount for cash, 50c.

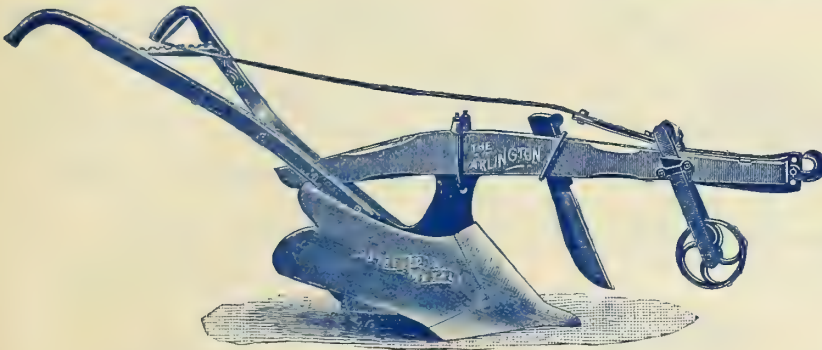


Arlington Swivel Plow.

Perfect in Construction.—Attractive in Finish.—Excellent for all Kinds of Work on Flat Land or Side Hill.

PRICES.

	List Price.	Dis. for Cash.
No. 30. Steeled metal wheel, and cutter.....	\$15.00	\$2.00
No. 29. Steeled metal wheel, and cutter	14.00	2.00
No. 27. One horse, steeled metal wheel..	8.50	1.00

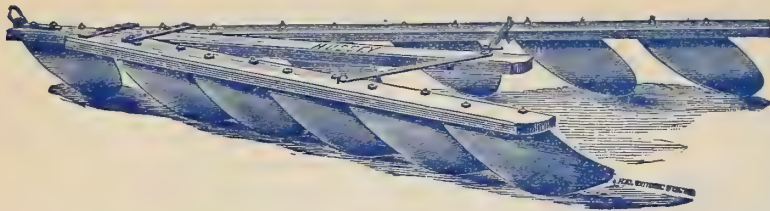


Morgan Spading Harrow.

The name "Spading" refers to its action on the soil. The action of each cutter is like that of a small spade, lifting and turning the soil from a depth of four to six inches. The blades, or spades, are made from spring steel; in operation vibrating and shaking off sticky soil. The gangs are so arranged that they freely float, enabling the most uneven ground to be thoroughly harrowed and left level. Complete with evener, whiffletrees, neck-yoke and scrapers

List Price..... \$25.00
Discount for Cash..... 5.00





Share's Steel Tooth Harrow.

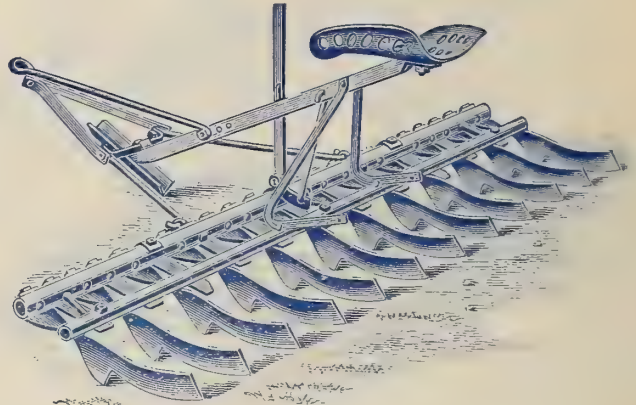
The best cheap Harrow on the market. Teeth are made of Sheet Steel and warranted. Four sizes, as follows:

PRICES.				List Price.	Dis. for Cash.
Share's Patent A Harrow,	7 teeth,			\$ 7.00	\$0.50
" " " "	9 teeth,			8.00	0.50
" " " "	11 teeth,			9.00	0.50
" " " "	13 teeth,			10.00	0.50

Acme Pulverizing Harrow, Clod Crusher and Leveler.

As it is our desire to keep a complete line of up-to date tools, and having some calls for the Acme Harrow, we have decided to add it to our list and shall keep them in stock. This harrow is not a special tool as some have supposed, but, as its name implies, a general purpose harrow that will do the whole business, viz: it will crush, cut, lift, turn, smooth and level, all in one operation.

While pre-eminently adapted for heavy, stubborn land it can be adjusted by means of levers and runners to do perfect work on the lightest soil. The peculiar shape and arrangement of the Coulters insure the cutting over of the entire surface of the ground, and owing to the absence of spike, spring, or pointed teeth, there is little, if any, tendency to disturb sod or trash that has been turned under by the plow. It not only prepares a perfect seed bed, but will also cover seed in the best manner.



RETAIL

No 17. Two-horse Riding Harrow	\$15.00
No. 18. Four-horse Riding Harrow.....	30.00
Size "G." One-horse.....	8.00

PRICES.

No. 20. Two-horse Walking Harrow.....	\$10.00
Size "H." One-horse.....	13.00
Discount for cash \$1.00 on 2 & 4-horse, and \$.50 on 1-horse.	



Syracuse One Horse Spring Harrow.

There is no harrow for a small farm that will do the work with as little expense and labor as this harrow.

The teeth are oil tempered and everything is made of best material.

Teeth can be adjusted for any kind of work.

List price, \$10.00, discount for cash, \$1.00.

The Little Giant Elevated Frame Spring Tooth Harrow on Wheels.

With the exception of the Yankee, which we place ahead of everything in the Spring Tooth Harrow line, we consider this the best. The frame runs higher than any other make; the wheel is a great improvement over the shoe, which is a back number. We have reduced our price from last season.

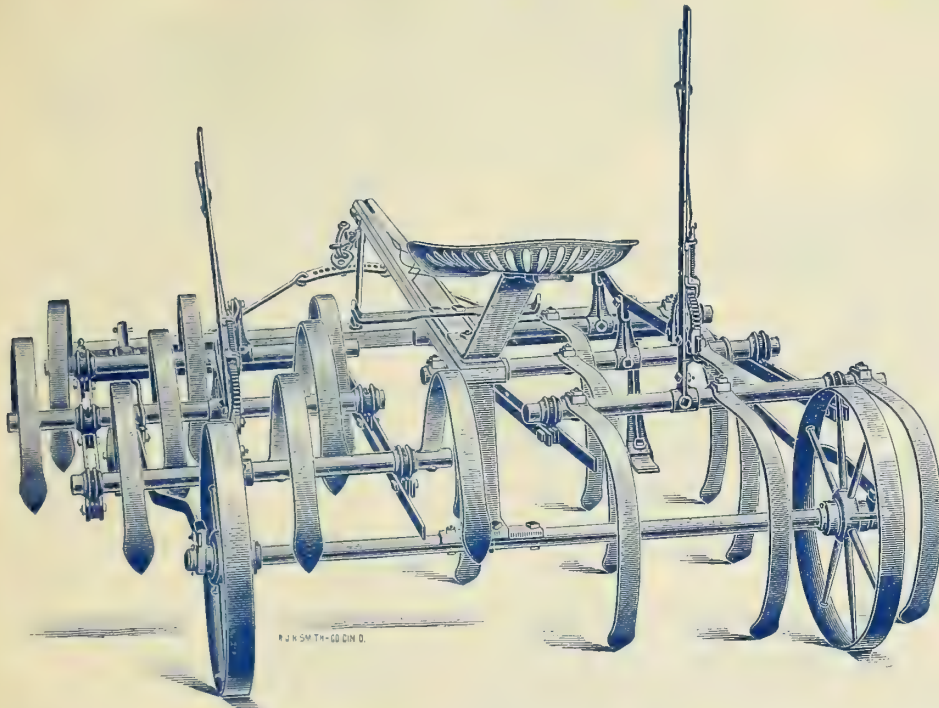
PRICES.

	List Price.	Dis. for Cash.
15-tooth.....	\$13.50	\$1.00
12-tooth.....	14.50	1.00



The Yankee Spring Tooth Riding Harrow.

The first and only Spring Tooth Harrow on wheels upon which a man can ride with the same ease and comfort as in a buggy.



YANKEE.

REAR VIEW.

Works
Equally
Well
In
Light
Or
Heavy
Soil.

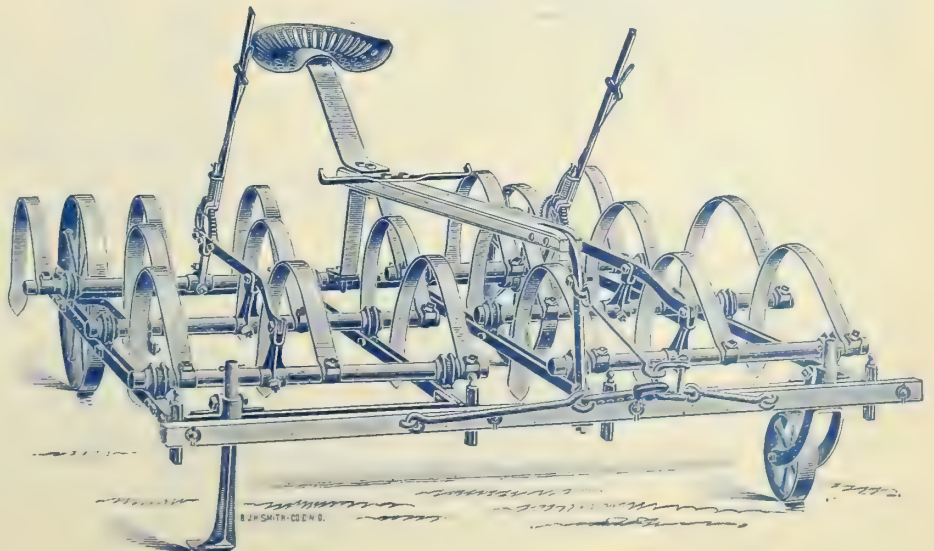
THIS HARROW we have tested beside all the Wheel Spring Tooth Harrows, and do not hesitate to say, that we consider it equal to any riding harrow on the market sold for forty-five dollars; and it is not to be compared with ordinary spring harrows which retail from fifteen to eighteen dollars. The wheel attachment is entirely different from any other harrow, and it is so attached that the driver does not get any of the motion or jar of the harrow—it rides like a buggy. We have had it in mellow ground, with seven men riding, and drawn by a light pair of horses. It is next to impossible to clog it, as the frame runs about a foot from the ground. The front end is supported by either shoes or castor wheels. Shoes are preferable, especially in hilly or rolling ground, but on level ground wheels are best. Please notice the size wheel we use “20-INCH.” Where nothing is said, we use our own judgement which to send.

Large descriptive circulars mailed on application.

YANKEE.

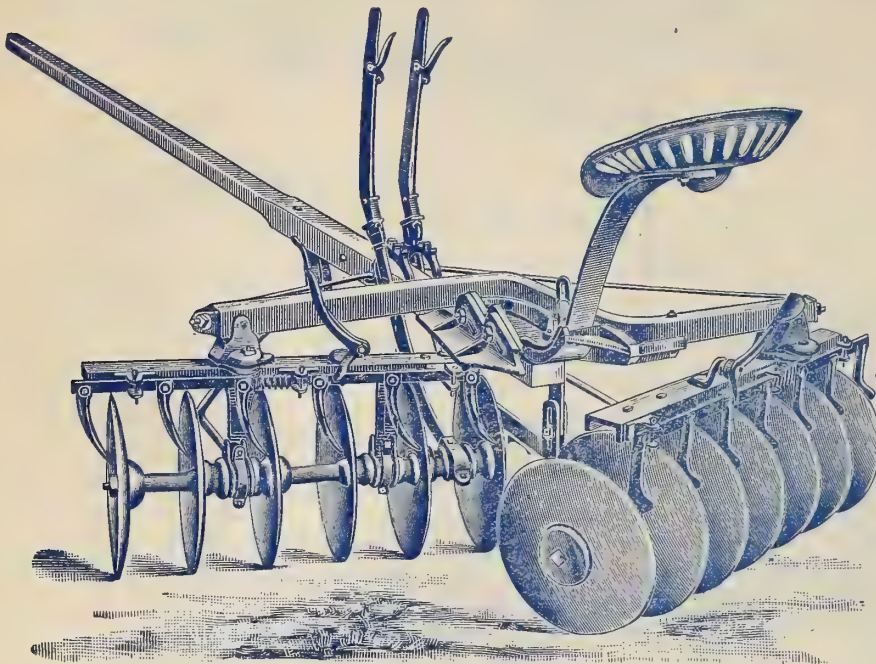
FRONT VIEW.

Showing
Shoe
And
Wheel.



List Price, - - - - - \$20.00. Discount for Cash, - - - - - \$2.00.

The Victor Over-Lap Disc Harrow.

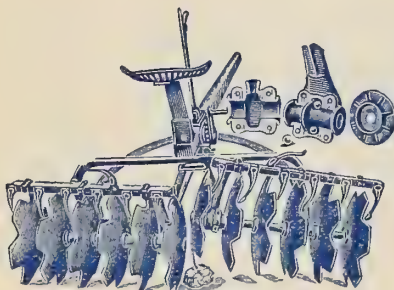


'98 Pattern has Ball-Bearings.

After a year's trial of this Harrow, on all kinds of soil in every State in New England, we offer it for the coming season with perfect confidence. The ball-bearings are a wonderful improvement on any farm tool, and with this addition we have a harrow which stands alone with no competition whatever. It overcomes all the former difficulties of a Disc Harrow, which have always left untouched a center ridge which cannot be pulverized without lapping the harrow more than one-half. This has always been a serious objection and has puzzled nearly all the manufacturers until now. We want agents who have time to attend to it for all unoccupied territory.

List Price..... \$35.00
Discount for Cash..... 10.00

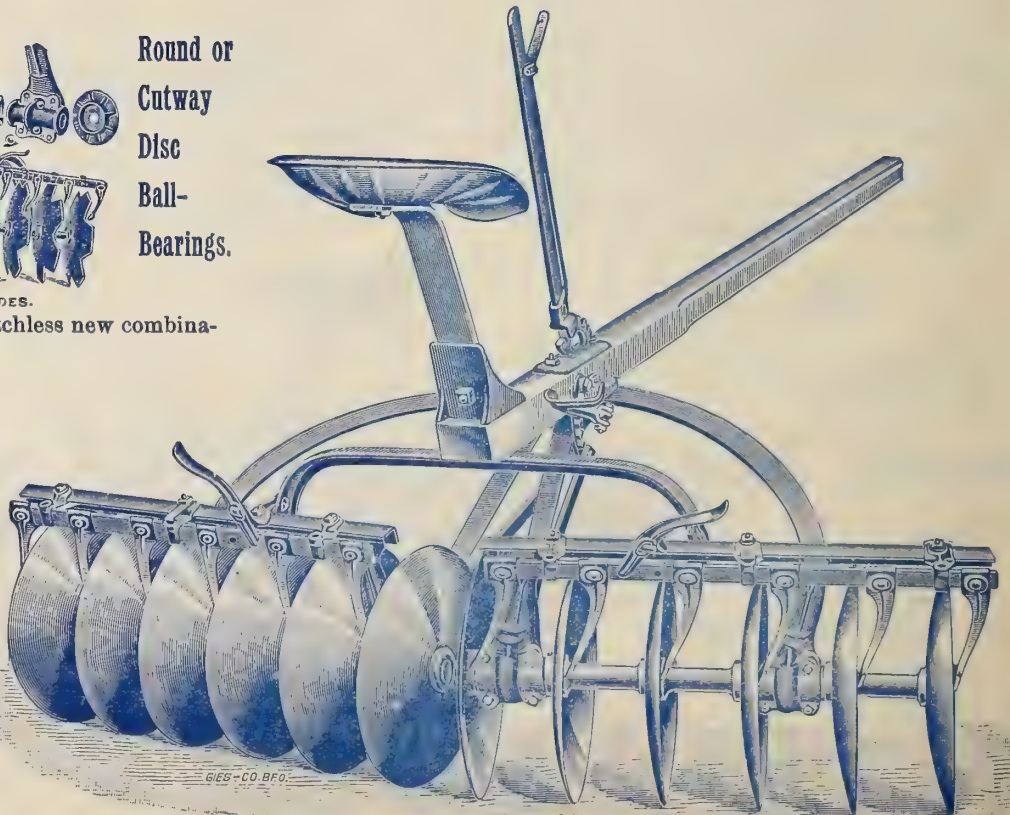
All Steel Flexible Disc Harrow.

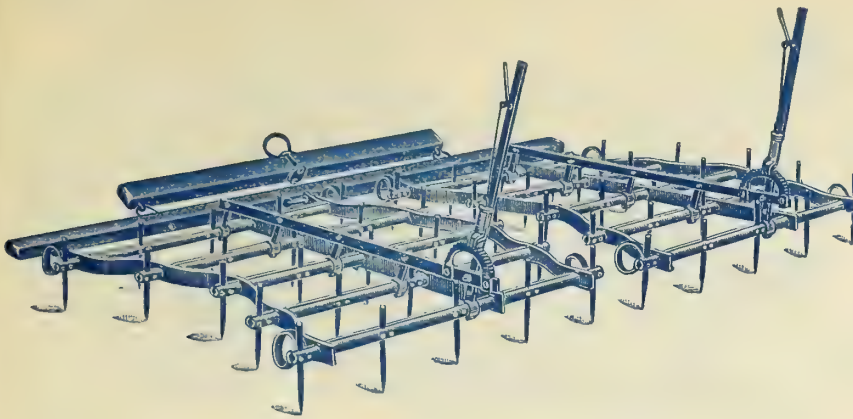


WITH SPADE CUTTING BLADES.

Round or
Cutway
Disc
Ball-
Bearings.

This is provided with matchless new combination cone boxes and single large ball-bearings. The only Disc Harrow in the world having independent adjustable spring pressure upon the inner end of each gang of discs, allowing any amount of pressure to be thrown upon the inner ends of the gangs by the foot of the operator. This is the simplest and easiest harrow to operate on the market. By removing two bolts it can be taken apart and handled easily by one man. List price for either style of Disc, \$23.00. Discount for cash, \$3.00.





The Big 5-Spike Tooth Smoothing and Leveling Harrow.

We have tried a large number of Steel Smoothing Harrows, and nearly all are defective in some part. This Harrow we have tested and sold in large numbers and can guarantee it in every respect.

	PRICES.	List Price.	Dis. for Cash.
60-Tooth.....		\$14.00	\$2.00
50-Tooth.....		13.00	2.00

THE YANKEE PULVERIZER.

Patent Buffers, preventing end pressure upon the boxes and all friction and wear at the centre—an invaluable feature. Direct draft, with no weight upon the horses' necks. Adjustable upon uneven ground, and cuts over the whole surface. Patent Shifting Lever for angling the gangs. Patent Reciprocating Scraper attachment operated from the seat.

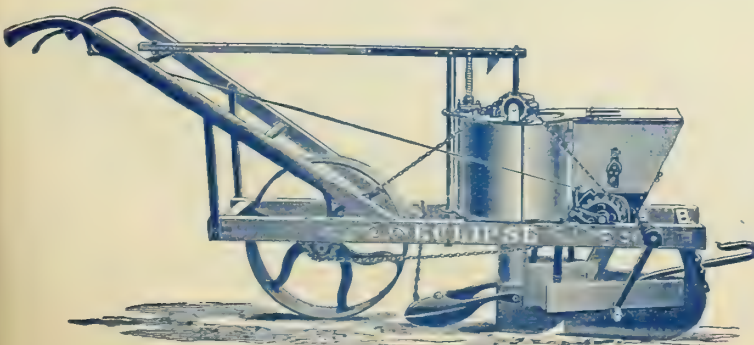
List Price. \$25.00
Discount for Cash 2.00



RELIABLE SEED DISTRIBUTORS.

One of the most important features of farm work is the planting and sowing of the seed, and no one can afford to take any chances with cheap seeders. Our list contains only those that have been tested and found reliable.

Eclipse Corn Planter and Fertilizer Distributor Combined.



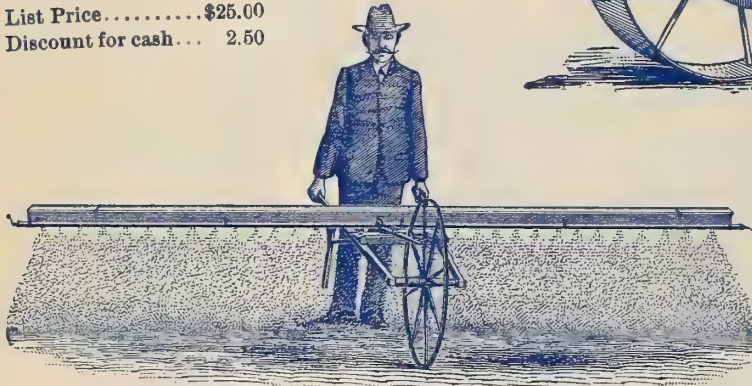
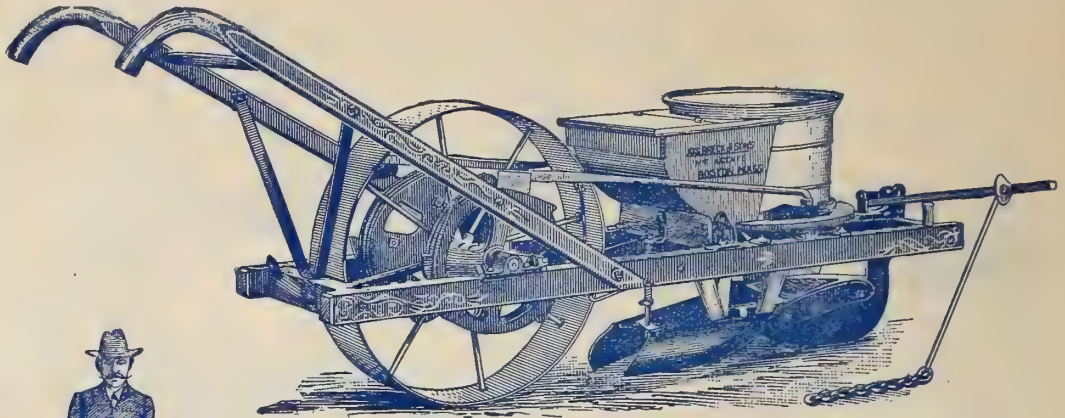
For planting Field or Ensilage Corn, Beans, Peas, or Beet Seed, in hills, drills or checks. Specially designed for accurately distributing commercial fertilizers, ashes, etc., full strength, wet or dry. The only machine on the market that will give perfect satisfaction in all cases.

List Price.....\$25.00
Discount for Cash..... 2.50

KING OF THE CORNFIELD CORN PLANTER.

For planting Field, Ensilage and Fodder Corn, Beans and Peas, and other seeds of large size. Can also be arranged for dropping Beet seed. Simple in construction, and easy to operate.

List Price.....\$25.00
Discount for cash... 2.50



THOMPSON'S SEEDER.

For Broadcasting Grass Seed—For Sowing Red Top, Clover, Timothy, and all Mixed Seeds. Light, Strong and Simple.

Sows uniformly the whole length of the hopper, twelve feet. Its simplicity of construction and its accuracy of work in the field places it at the head of all seeders. It has no cam or cog gearing to get out of order. It has a positive motion, and works as freely and easily when sowing as when empty. Seeding is

generally done at the time of the year when winds prevail; it is then that the seeders can be used with marked success. No 4. Grain Seeder Box, 10 feet, for sowing all kinds of grain. This box fits on to No. 5 Seeder, and with both boxes all kinds of grain and grass seeds can be sown. List Price \$5.00 Discount for Cash..... \$1.00

SEEDER NO. 5.

Sows all varieties of Clover, Timothy, Hungarian, Millet, Alfalfa, chaffy seeds like Red Top, Orchard Grass and clean Blue Grass. This style machine is made expressly for the New England trade.

List Price.....\$10.00
Discount for Cash..... 1.50

No. 5 Seeder and No. 4 Grain Box.

List Price.....\$15.00
Discount for Cash..... 3.00

IMPROVED ROBBINS POTATO PLANTER.

(With or without Fertilizer Attachment.)

It is needless to speak of the slow, laborious method of potato planting as practiced by a large majority of growers; of the consequent improvident waste of time just at the opening of the busy season and the interference caused by the uncertain weather of early spring. It is also too well known to need even a passing mention, as it is certainly impressed on the minds of thinking farmers, that a speedier and more economical method is needed. When the proper season arrives—when the weather is just right and the time just fits in with other business—the potato grower should be prepared to do his planting promptly and with as little delay as possible. With the Improved Robbins, however, the farmer has the comfortable assurance of attaining both, easily planting with it from four to seven acres per day; and such perfection of potato-planting was never before accomplished. It is simply ideal. It will distribute fertilizer evenly from 100 lbs. to one ton per acre, and drops potatoes 14, 15 1-2, 17, 18 1-2 and 20 inches apart. It is true that it takes a man and a boy to run it, but it will do the work of five men and three boys.

Copy of Letter from Amherst Agricultural College.

I take pleasure in saying that we have used the Improved Robbins Potato Planter for the last two years with great satisfaction. It puts the potatoes in so that there are few or no skips, and spreads the fertilizer in a highly satisfactory manner. We should not like to be without it in cultivating potatoes upon a large scale.

(Signed) WM. P. BROOKS,
Professor of Agriculture.

Dated, Amherst, Mass., Dec. 10th, 1897.

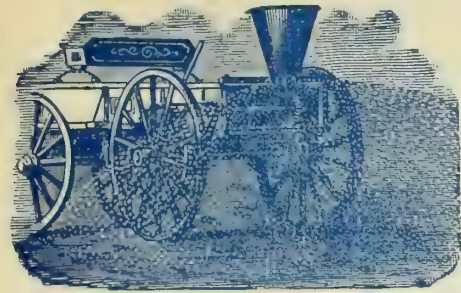
Send for Circular Describing It Fully.

PRICE.

With Fertilizer Attachment.....	\$65.00
Without Fertilizer Attachment.....	55.00
Pea and Corn Attachment.....	5.00
Leveler Attachment.....	1.25
Discount for Cash on Complete Machine.....	5.00

FARMERS' FRIEND BROADCAST SOWER.

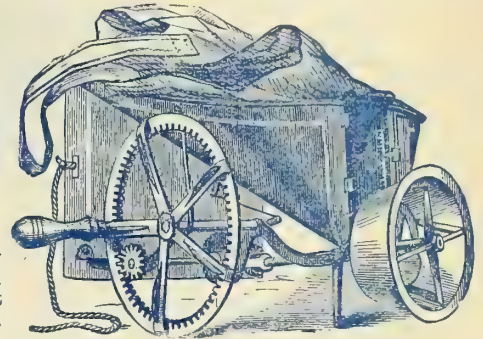
Sows all grain, grass seeds, salt, ashes, commercial fertilizer—everything requiring broadcasting—any quantity per acre, better and faster than any other method. Saves seed by sowing perfectly even. Not affected by wind, as seed is not thrown upwards. Sows half or full cast, on either side of the wagon. Readily attached to any wagon or cart without injury, and used wherever they can be driven. Lasts a lifetime. Sows eighty acres of wheat per day. Endorsed and recommended by agricultural colleges and best farmers in the United States. Fully warranted. Perfectly simple. List Price..... \$20.00 Discount for Cash..... \$10.00

CAHOON HAND SEED SOWER.

Barley, Rye, Buckwheat, Grass Seed, Rice, Flax, etc. The hand machine sows from four to six acres per hour, at a common walking gait, throwing out wheat forty feet wide. List Price..... \$5.00 Discount for Cash..... \$0.50

**AUTOMATIC HAND CORN PLANTER.**

This tool is manipulated by one hand, and is used as a person would handle a walking stick. It will plant as fast as a man can walk. It is well made and perfectly simple in construction.



List Price....\$3.00 Discount for Cash..\$1.00

PLANET, JR., TOOLS.

— HORSE AND HAND. —

THIS IS the most complete up to date line of tools on the market. Prices are down with the ordinary makes, but the material and workmanship is so far ahead of anything else on the market that we do not enter them in the same class. We offer them not only as the best, but as the cheapest. We illustrate only the leaders, but shall be pleased to mail Catalogue showing full line. **Send for it.**

**No. 8.****No. 6.**

This style is one more largely used than any other, and has given excellent satisfaction everywhere. It has the high frame, patent hollow steel standards, expanding and wheel levers.

PRICES.

List Price..... \$7.25
Discount for Cash..... 0.50

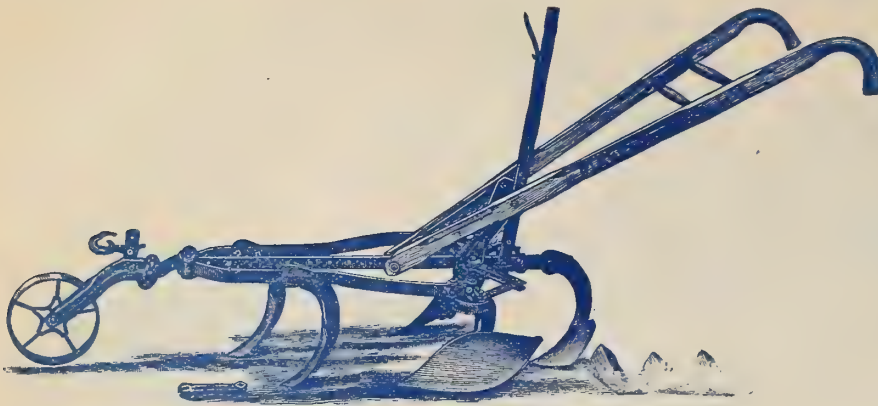
No. 8.

The accompanying cut shows the new No. 8 Hoe and Cultivator with expanding and wheel lever. The only difference between this and the No. 6, is the runner or shoe, which is controlled by the wheel lever, and regulates the depth of the back as well as the front end of the hoe. It is an advantage especially on soft or sandy soil.

PRICES.

List Price..... \$8.00
Discount for Cash..... 0.50

**No. 6.**



No. 5.

The Planet, Jr., 12-Tooth Cultivator and Pulverizer.

This tool has grown in favor the past few years owing to its neatness and perfect work. It is used on all crops where level cultivation is desired, and more especially on strawberries and small fruits.

PRICES. List Dis. for
Price. Cash.

Complete, as shown in cut....	\$8.00	\$0.50
Complete, less pulverizer....	6.65	0.50
No. 4 Plain Cultivator, with five steel teeth and wheel...	4 50	0 50
Irish Potato Digger.....	16.00	0.50



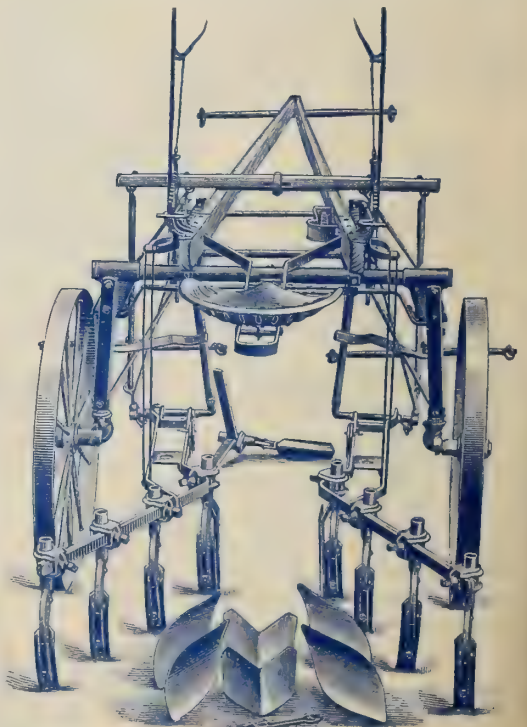
The Fire-Fly 5-Tooth Cultivator.

This is a new model Five Tooth Cultivator and Horse Hoe, with solid frame, stiff handles, adjustable in height, open frame, hollow steel standards. No expanders or hinge. Outside width of frame, 18 ins. Width of cut quickly changed from 25 to 12 ins., by loosening two set-screws. No loose joints; low frame, but no clogging; work in open view; the most desirable cheap Cultivator and Horse Hoe ever invented. About half the weight of some of the heavy ones. Easy for horse and man.

List price, as shown, \$5.75; less Horse Hoe Attachment, \$4.25; discount for cash, \$1.00

The "Planet, Jr.," Pivot Wheel Riding Cultivator, Marker and Ridger.

This new two-horse tool is worthy of a distinguished place in all descriptions of the latest improved implements. Neatness of construction is here combined with lightness, strength and adjustability. It is a tool with which a remarkable variety of work can be satisfactorily done. As a fallow cultivator, ground can be prepared for crops both Fall and Spring, and marking, covering, cultivating, ploughing, etc., are all admirably performed. The very latest ideas are embodied here in the finest designs and materials. The most noticeable feature is the spring depth regulation and lift. The principle is the use of a powerful swinging spring, moved easily at one end, by the agency of a lever and a traversing truck, by which the spring tension is applied at either end of the track at will, thus either raising the teeth out of the ground or pressing them in with the exact force needful—the most satisfactory method yet discovered. Other adjustments are easily and quickly made. The gangs are moved closer or wider apart at will. Each tooth has the famous hollow steel standard, with break pin, and a hollow extension standard which is adjustable for height and may be turned to the right or left, or moved along the bars to change the position sidewise, covering by the numerous but extremely simple adjustments every change that can be useful. The seat is adjustable; the wheels are pivoted, and the balance is so perfect that it steers like a charm, enabling the operator to work closer than ever before possible with so little labor, and to work moderate hillsides with ease. Two marking shovels are supplied, which will open two furrows at once, any distance apart up to 3 feet 6 inches, and with two of the plows shown it will cover neatly or make ridges for any kind of planting. The tool also has a ninth tooth for fallow ground. The cultivator teeth are 10 x 2½ inches, of the best quality and shape. Other teeth, 1½, 3 and 4 inches, also fit the tool. The plows are capital for plowing to or from, hilling, etc. The frame is made of spring steel, and all the parts and the workmanship are superior in design and value to any similar tool. Price, \$40.00. As a cultivator only with eight spring teeth, \$32.00.

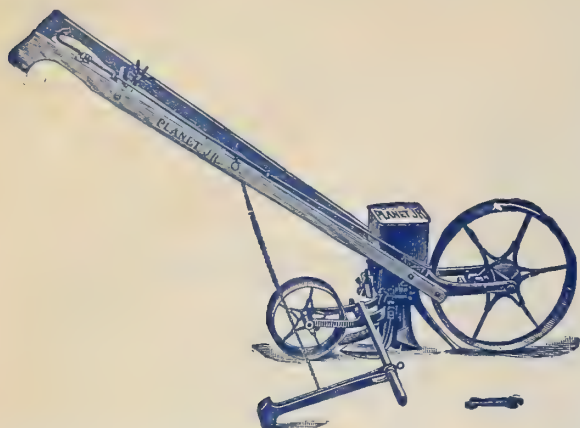


No. 5.

This style is identical with the No. 6, except that it has a bolted wheel instead of one operated by lever. Nearly all attachments used on Nos. 8 and 6 can be used.

PRICES.

List Price.....	\$6.75
Discount for Cash.....	0.50



THE "PLANET JR." NO. 3 HILL DROPPING SEEDER.

Sows Either in Hills or in Continuous Row.

A fine Hill Dropping Seeder, with hosts of friends. This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills, either 4, 6, 8, 12 or 24 inches apart. The wheel is 15 inches high, with a broad face. It is changed in a moment from hill dropping to drill work. It has a rubber force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seeds, such as radish, cabbage, etc., which are so often peeled or crushed by drills having agitators or metal feed wheels. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after cultivation. Price, \$9.00.

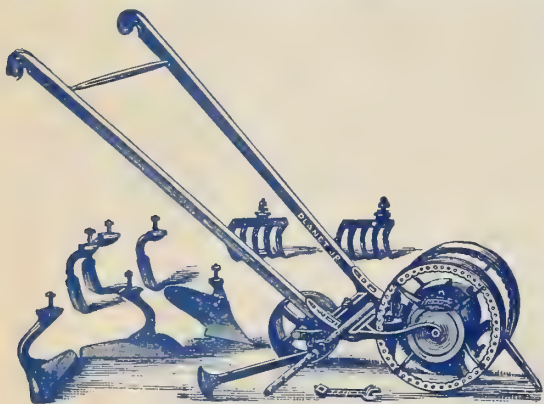
THE "PLANET JR." NO. 2 SEED DRILL.

This tool is used the world over, and with the exception of the "Planet Jr." Hill Dropping Drills is the most perfect drill known. It holds two and one-half quarts. The sowing cylinder is a drum of spring brass, set between the driving wheels. Around this drum is a brass band, drawn tight to the

drum by a cam which joins the ends. In both drum and band are corresponding diamond-shaped discharge openings, by loosening the cam and sliding the outer band, the discharge may be regulated to suit any kind or thickness of seed. The index contains the names of the principle seeds, and when name wanted appears through the index slot, it is set right for that seed. The drill sows in an even, regular stream, whether there is much or little in the hopper. The opening plow, being directly between the wheels, follows all irregularities of the ground, is adjustable, and once set, opens the furrow at a uniform depth, and the seeds are deposited in a very narrow line. The machine is extremely simple; no agitators, belts or gearing.

It received the highest award at the World's Fair at Chicago.

Price, \$6.50.



"PLANET JR." No. 1 COMBINED DRILL, CULTIVATOR RAKE AND PLOW.

This favorite machine has long been the most popular combined garden tool known, and its friends have been gained by substantial merit alone. It won the highest and only award at the Chicago Exposition, surpassing all other machines of its kind. As a seed sower it is identical in construction with the No. 2 "Planet Jr." Drill, just described, except in size, and has all of its merits, its strength, durability, ease of operation and perfection of work. The seed is sown with great regularity, and an opening plow, of special design, puts it in a very straight and narrow line, and at uniform depth, regulated at pleasure. Holds one quart. This drill is furnished with a complete set of weeding tools as shown in cut. Price, \$9.00.

"PLANET JR." NO. 15 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

This latest and best Wheel Hoe, improved greatly for 1898, has 11 inch wheel, with broad face, and a conveniently arranged and very full set of tools, several of them being of new and special design, such as have been found to perform wheel hoe work in the very best manner. It is very light and strong and easy running; has three more tools than the old Planet Jr., and does a much greater variety of work and does it better. Has adjustable handles and frames, the latter malleable, especially adapted for quick changing of teeth. It is a most perfect tool for market gardeners or for private places. The tools are a well-shaped plow for plowing marking out, covering and late cultivation; a pair of neat 4-inch shield hoes, just right for hoeing in rows from 9 to 12 inches; also a larger pair for wider work; three cultivator teeth. A set of three rakes just right for 6, 9, 12 and up to 16 inch rows, and with two arranged side by side, the rakes are just the thing for preparing ground for the Seed Drill. It has also a practical leaf guard.

Price, as shown in cut, \$6.00.



THE "PLANET JR." SINGLE WHEEL HOE.

This Wheel Hoe is light and strong and does almost the same variety of work as the Double

Wheel Hoe, being used mostly between the rows, yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. The rakes and cultivator teeth and the hoes and plow enable the operator to perform almost every variety of work, either in the field or garden. All rows from six to eighteen inches apart can be hoed at one passage. The frame is quickly raised or lowered to regulate depth, and the wheel has an extra broad face. Price, \$4.50.

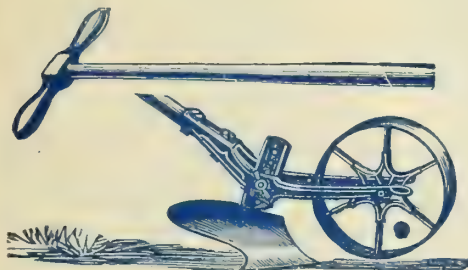
Lack of space prevents our showing cut of Planet Jr., Double Wheel Hoe. For description see next page.



"PLANET JR." DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

Wheel Hoes are the natural companion implements of the Hand Seed Drills, indispensable to market gardeners and nurserymen, and to all farmers who grow roots for stock or vegetables for market. By using good Wheel Hoes, one can plant five times his usual acreage of hoed crops from drilled seed, without fear of being caught in their cultivation.

Wheel Hoes should be used *at the speed of a moderate walk*, not pushing the machine steadily on, but making a stroke at each step. For very delicate work, strokes but a few inches in length may be taken, averaging three or four to each step. Any one can become skilful in a short time, the chief rule being to watch the wheel or wheels only, keeping them at the proper distance from the row. Furnished as shown in cut, complete, \$6.00; plain, with hoes only, \$3.50.



THE FIRE-FLY PLOW.

For owners of small gardens the Fire-Fly Plow is one of the most useful of all hand tools. It will throw a furrow four to six inches wide and three inches deep. Price, \$2.00.

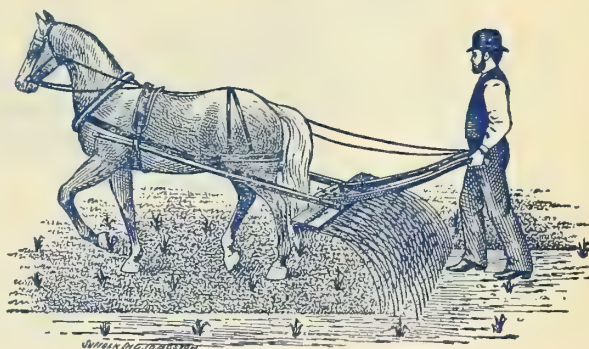
THE ZEPHANIAH BREED WEEDER AND CULTIVATOR.

The accompanying cut shows the latest pattern of the Breed Weeders and the one

that is sure to drive all others out of the field. It will work in any place that the old style can be used, and in many where it cannot. It will pay for its cost in one season and no farmer can afford to be without it. The No 4 is a short and long weeder and cultivator in one. It has a head 2½ feet long, with extensions on each end easily adjusted or removed. This style will probably best meet the wants of farmers generally. Note reduction in price.

No 4. Combination Walking Weeder and Cultivator, head 8 feet long. List price, \$14.00; discount for cash, \$1.00.

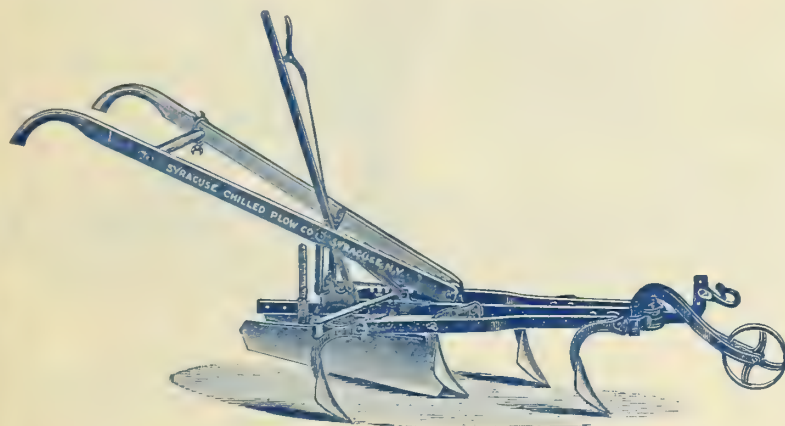
No. 5. Walking Weeder, head 8 feet long. List price, \$13.00; discount for cash, \$1.00.



SYRACUSE STEEL FRAME CULTIVATOR No. 101.

This cultivator is simple, strong and easy to operate. Has no "Dead Centres," and no Loose Joints. Adds stiffness to the entire frame. The frame and standards of this Cultivators are very strong—made of solid steel; the side-bars are so curved as to make the teeth run parallel, and also to make all standards interchangeable; square bolt-holes prevent any bother from bolts turning around, and all parts are made with accuracy and nicety of finish. It can be changed to use as a plow, cultivator, horse hoe, coverer and furrowing plow; no extra parts other than those shown in cut required.

List price, \$8.00; discount for cash, \$0.50.



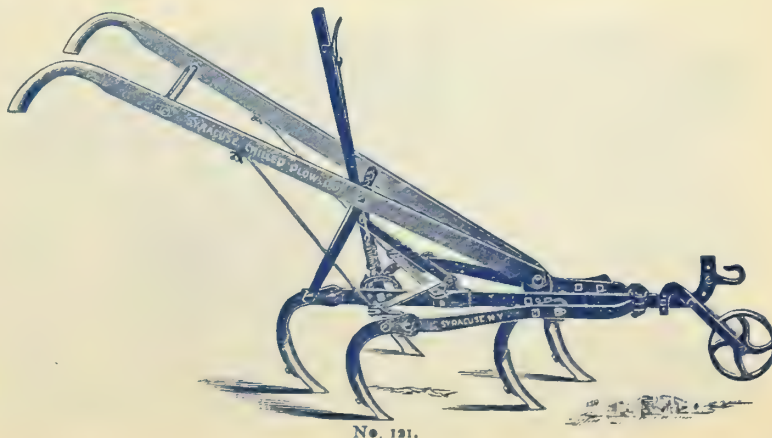
SYRACUSE STEEL FRAME CULTIVATORS.

This series of Cultivators meets the demand for a Good Cultivator at a Low Price. The points and standards are of the same stock as used in No. 101, but the frame is somewhat shorter and a trifle lighter. The standards are adjustable for pitch. The handles can be raised or lowered, or shifted to the right or left.

No. 121 (as shown in cut)—Expanding Lever, five 3-inch Points and Wheel. List price, \$5.00; discount for cash, \$1.00.

No. 123—Expanding Lever, five 3 inch Points, Wing Points, Shovel Point and Wheel. List price, \$6.00; discount for cash, \$1.00.

No. 81—Five 3-inch Points and Wheel. No Lever. List price, \$4.00; discount for cash, \$0.50.

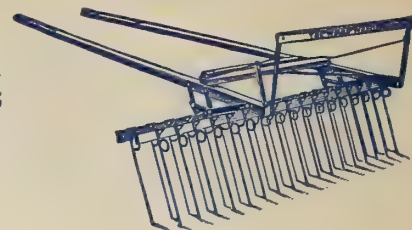


THE WIARD ADJUSTABLE WEEDER.

This Weeder is similar to other makes, but has an adjustment by which the teeth can be set straight, or sloped as desired, and is adapted to all kinds of level cultivation; and is also excellent for working in grain and grass seed.

List price, \$10.00; discount for cash, \$1.00.

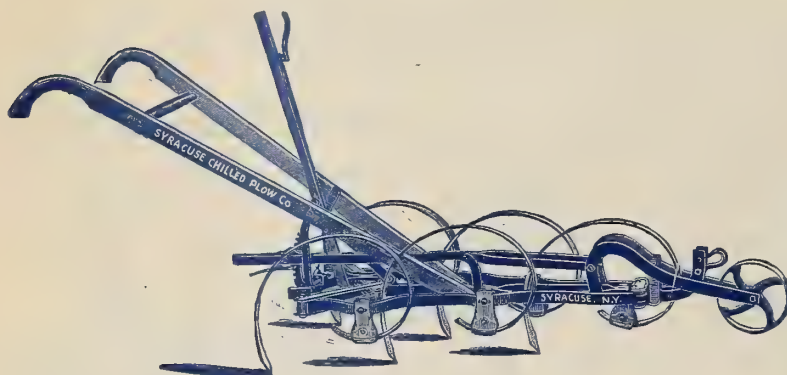
We have a few Whitman Weeders that we will sell at \$7.50 net to close out.



SYRACUSE SPRING TOOTH CULTIVATORS.

This series of Cultivators are especially adapted for use in stony ground. The frames are steel, strong, and well put together throughout. The castings are malleable. The teeth are fine oil-tempered springs, and are alike and interchangeable; they are also adjustable for angle and depth. The adjusting levers are of the same form and construction as used in No. 101 Cultivator.

No. 64—Expanding Lever, Five Spring Teeth and Wheel. Net price, \$7.00.



LITTLE GIANT HORSE HOE AND CULTIVATOR

With Patent Expanding Lever
Adjustment by the Foot.

This Hoe we have sold for two seasons with good success. It is the only hoe on the market that can be adjusted with the foot while the team is in motion; with other hoes the driver is obliged to stop his team to change the width of his hoe. This is a great advantage on side hills and where the rows are not marked out uniform. We furnish a complete set of horse hoe attachments and Five Steel Plates.

List price, \$6.00; discount for cash, \$1.00.

STEEL FARM ROLLERS.

There is no well regulated farm that does not have a field roller of some kind, but the old cast iron roll will not stand our rocky farms, and the expense of keeping it in repair is so much that few farmers can afford to own one. This one is made of steel boiler plate and is next to indestructible, while the price is so low that no one can afford to be without one.



We keep the No. 3 and No. 5 in stock as they are the best sellers. The No. 3 we have with pole or shafts.

	PRICES.	
	List Price.	Dis. for Cash.
No. 3 Roller, length 6 ft., diam. 24 in., weight about 550 lbs., 3 sections..	\$30.00	\$3.00
No. 7 Roller, length 7 ft., diam. 24 in., weight about 650 lbs., 3 sections..	34.00	4.00
No. 4 Roller, length 8 ft., diam. 25 in., weight about 700 lbs., 3 sections..	38.00	5.00
No. 5 Roller, length 6 ft., diam. 30 in., weight about 650 lbs., 3 sections..	34.00	6.00
No. 6 Roller, length 8 ft., diam. 30 in., weight about 850 lbs., 3 sections..	42.00	8.00

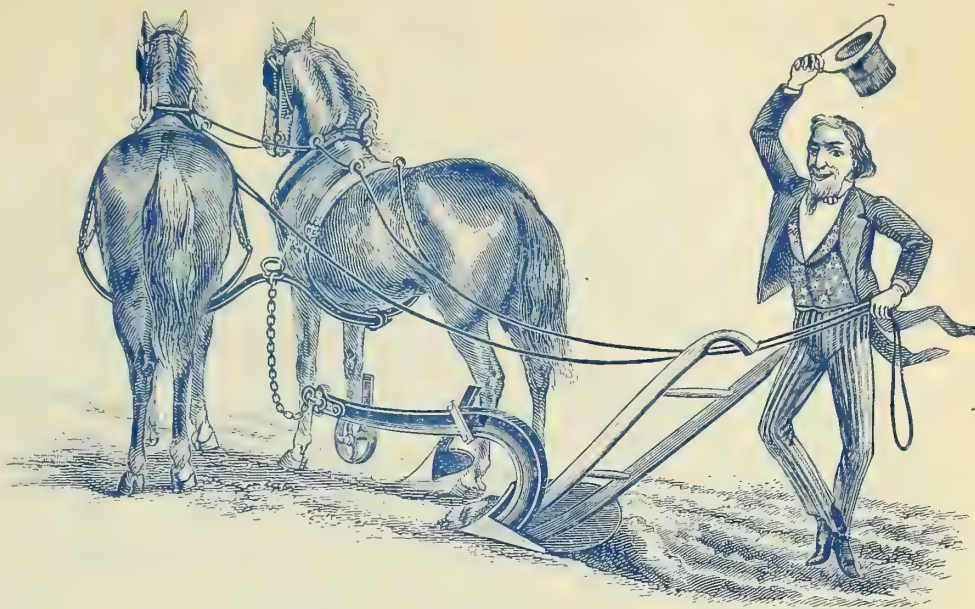
These rollers can be weighted to three times the above figures. Extra for seeders, 6 ft., \$9.00; 7 ft., \$10.00; 8 ft., \$11.00. Discount for cash, \$1.00.

Sherwood's Steel . . . Harness . .

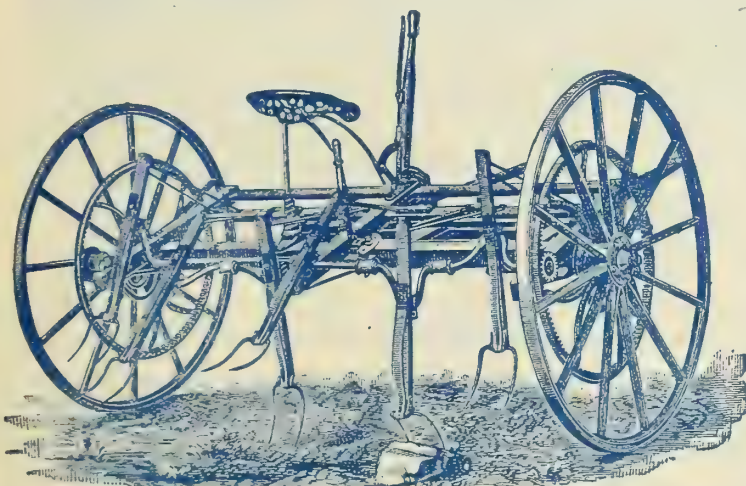
This Harness requires no whiffletrees, no long tugs; nothing in the way around the horses' heels; nothing to bark the trees; team works better and easier; less work for man and team. Can be used on plow, scraper or wagon. Plowing in an orchard with one of these harnesses is a pleasure compared with the old way.

List Price.....\$15.00

Discount for cash.. 3.00



Mudget Tedder, with Improved Fork.



Patented December 18, 1877, and March 27, 1883.

This Tedder will work in any spot or place where any tedder will work. The forks will come to the ground nearly in a line with the tread of the wheels, making it well adapted to running through hollows and over knolls without cutting the ground. By the adjustable lever at the driver's side the forks can be raised or lowered more than any other machine made, making it adapted for either large or small horses.

List price \$28.00

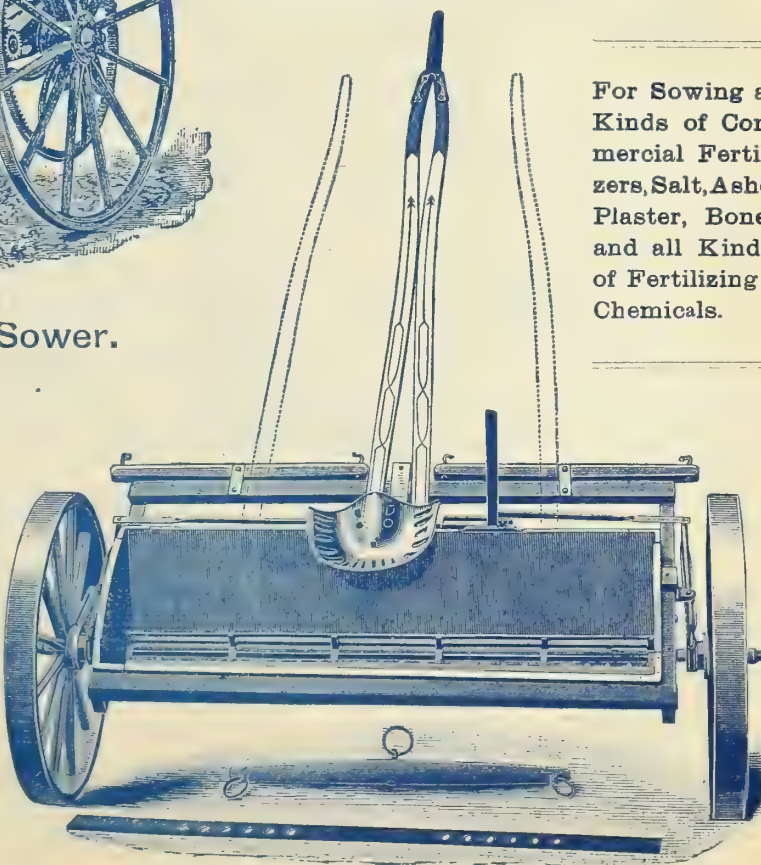
Discount for cash..... 1.00

The Stevens Fertilizer Sower.

This machine can be set in motion by a lever operated with the foot. The adjustment for sowing from 200 to 4,000 lbs. per acre (depending upon the dryness and different qualities of the fertilizers) is made by a lever operated with the right hand, so simple that a boy can run it. Lightness of draft, even in soft land, as the wheels have tires four inches wide, also a ratchet hub which allows the turning of corners or completely around, while in motion or to back, without throwing out of gear. It is low down and easy to fill. The axle extends the entire width of the machine. All parts are thoroughly constructed and this Sower will last a lifetime. Adjustment is perfect, simple and strong, a great improvement over the complicated adjustment used in other sowers. It sows 5 feet 10 inches wide. The price is within the reach of every farmer. Send for circulars.

List price.....\$50.00

Discount for cash..... 5.00



For Sowing all
Kinds of Com-
mercial Fertiliz-
ers, Salt, Ashes
Plaster, Bone
and all Kinds
of Fertilizing
Chemicals.

Deering Ball Bearing Corn Harvester.



Declared by the best informed authorities to be the Only Successful Corn Harvester before the American people. Made on the right principle. The Deering plan of permitting the corn to fall backward on a low horizontal binder deck superior in every way to the method of holding the top-heavy stalks upright. Lightest in draft, makes a better bundle, and does not break off nearly as many ears as are broken by the vertical machines.

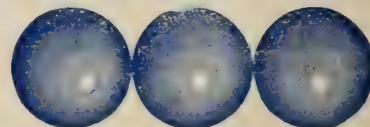
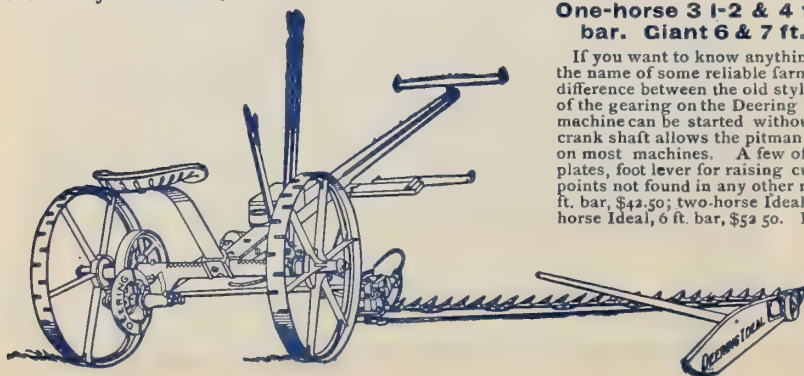
To any farmer who has more than a medium acreage of corn and has any use at all for his fodder, a good corn harvester and binder is a necessity. You will be confronted the coming season, as you were last, with two distinct types of corn harvesters; the Deering low down horizontal machine, and the "vertical" type made by competitors. The problem with you will be not *whether* to buy a corn harvester, but which type of machine is the one that will prove to be the most efficient implement. Send for handsome illustrated catalogue. Price, 125.00.

The Ideal or Bicycle Mowing Machine.

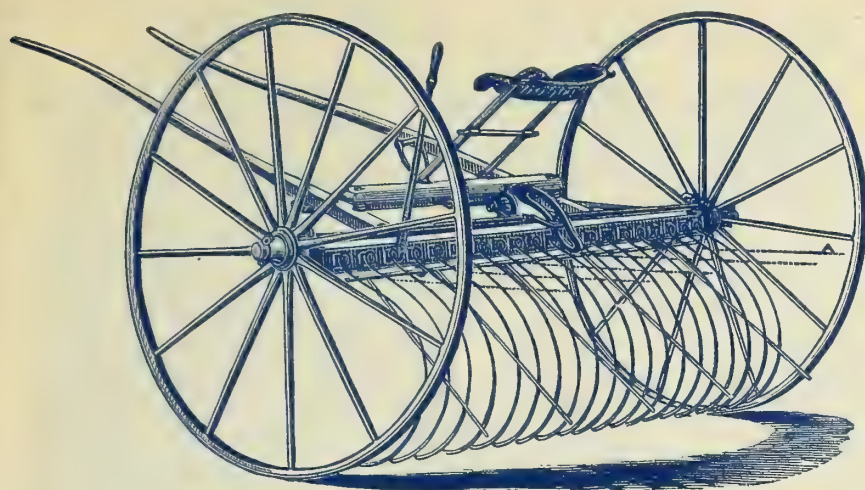
This machine runs on ball and roller bearings; the same as the most improved bicycles, and has the same relation to the ordinary mowing machines as the bicycle does to the old velocipede, and we defy any one to show us one good reason for buying any other machine on account of looks, material principle or workmanship. The mammoth works of the Deering Harvesting Co. are among the largest in the world, covering 65 acres of ground and employing 3500 hands not including the thousands of agents which represent them in all parts of the world. The capacity of these works is ONE COMPLETE MACHINE AND THIRTY MILES OF TWINE EVERY MINUTE. It costs money to equip these machines with such bearings, but we are able to offer them at but a few dollars advance above the old style machines.

One-horse 3 1-2 & 4 ft. cutter bar. Two-horse 4 1-2 & 5 ft. cutter bar. Giant 6 & 7 ft. cutter bar.—All with Bicycle Ball Bearings.

If you want to know anything about the IDEAL drop us a card, we undoubtedly can give you the name of some reliable farmer in your town that has one and who will explain to you the difference between the old style bearing and a ball and roller bearing. So positive is the action of the gearing on the Deering Ideal that the knife starts the instant the wheels move; and this machine can be started without backing the team in the most difficult crops; the horizontal crank shaft allows the pitman to run easy and without that jerking and jarring and wobbling on most machines. A few of its many good points are, floating cutting-bar, serrated ledger plates, foot lever for raising cutter-bar, no neck weight on the horses, and many other good points not found in any other machine. One-horse Ideal, 3 1/2 ft. bar, \$40.00; one-horse Ideal, 4 ft. bar, \$42.50; two-horse Ideal, 4 1/2 ft. bar, \$45.00; two-horse Ideal, 5 ft. bar, \$47.50; Giant two-horse Ideal, 6 ft. bar, \$52.50. Discount for cash, all sizes, \$2.50.



Exact Size of Balls Used on Ideal Deering Mowers.



GENUINE CHAMPION RAKE.

This is undoubtedly the best rake on the market for raking green hay or rowing. It has the sled runner tooth; is a self-dumping rake, and is easily operated by any one capable of driving a horse. There are several imitations on the market this year. Be sure and get the GENUINE.

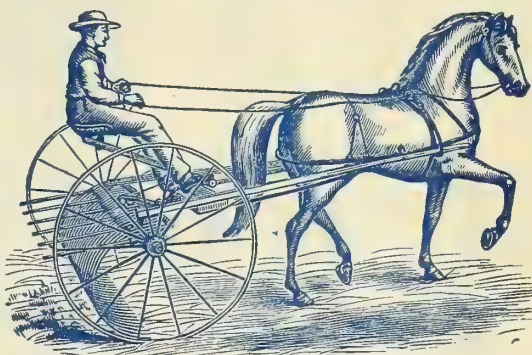
List price..... \$22.00
Discount for cash..... 2.00

THE GENUINE YANKEE RAKE.

It is so well known in this, and almost every other, section that it needs no words of ours to introduce it.

There are no useless traps to get out of order; neither is there any saving of expenses at the cost of utility. Every part is made of the best material and fully warranted.

List price..... \$21.00
Discount for cash..... \$ 1.00

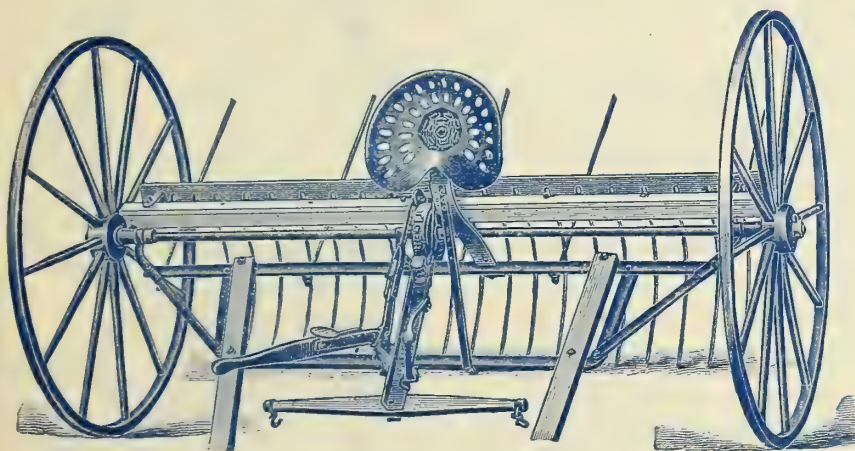


THE TIGER RAKE.

This Rake has been sold in New England for the past fifteen years, and has given the best satisfaction probably of any rake on the market. It has a Steel Axle running the entire length of the rake; and the material used is of the very best; has horse and hand dump. It is simple, easily handled by any one large enough to drive a horse, and without doubt the most durable rake ever put upon the market. Send for full descriptive circular.

List price..... \$22.00
Discount for cash..... 2.00

The Best Rake for the Money We Have.



THE PERFECTION KNIFE AND SICKLE GRINDER.

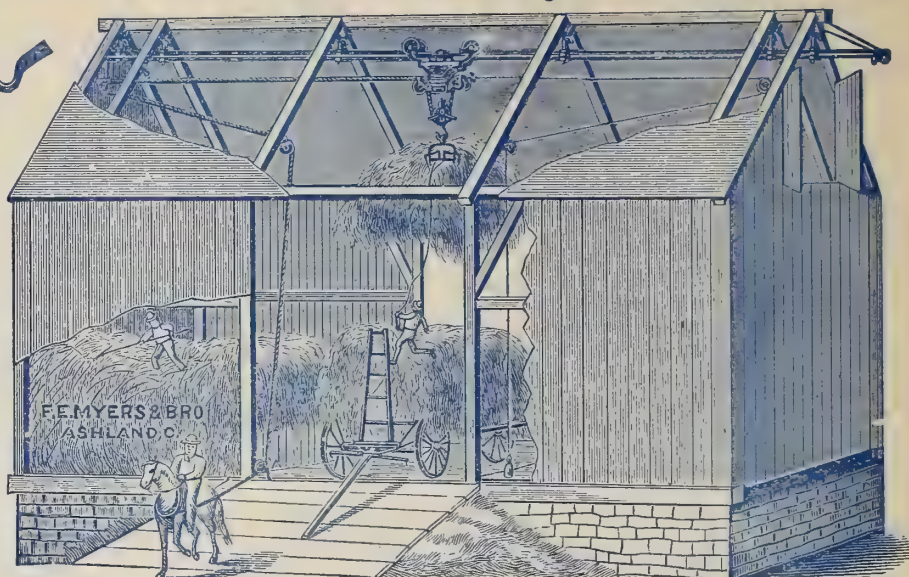
The easiest, simplest and most practical method ever invented, for dressing and grinding mowing machine and harvester knives. No costly stone to be kept in order. The only machine that will grind every knife exactly the same, and make any bevel desired; grinding out gaps and leaving the same bevel as the balance of the knife. The Grinder, when in use, is attached to the wheel of the mower, and is operated by one person with the greatest of ease. It grinds a sickle in splendid shape in fifteen minutes. When the stone is set for the one blade, it is set for all, and every blade is ground exactly alike and with exactly the same bevel from heel to point. Thus the points are not worn off, and the knives can be kept in as perfect order as when new, thus lightening the draft and the strain on the machine. It will also grind every guard plate in perfect condition in ten minutes without removing the section guards from the sickle bar.

List price..... \$6.00 Discount for cash..... \$1.00



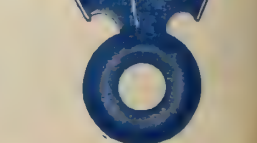
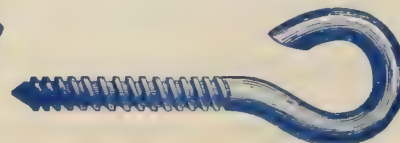
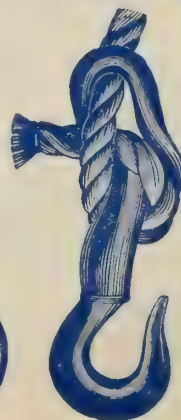
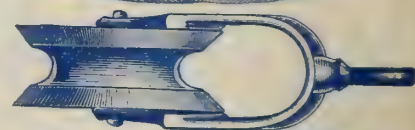
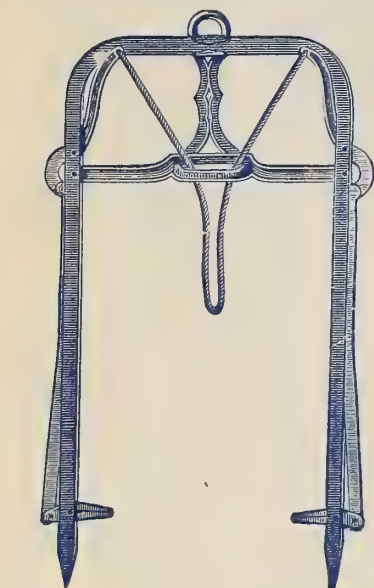
Myers Reversible Steel Track Hay Carriers.

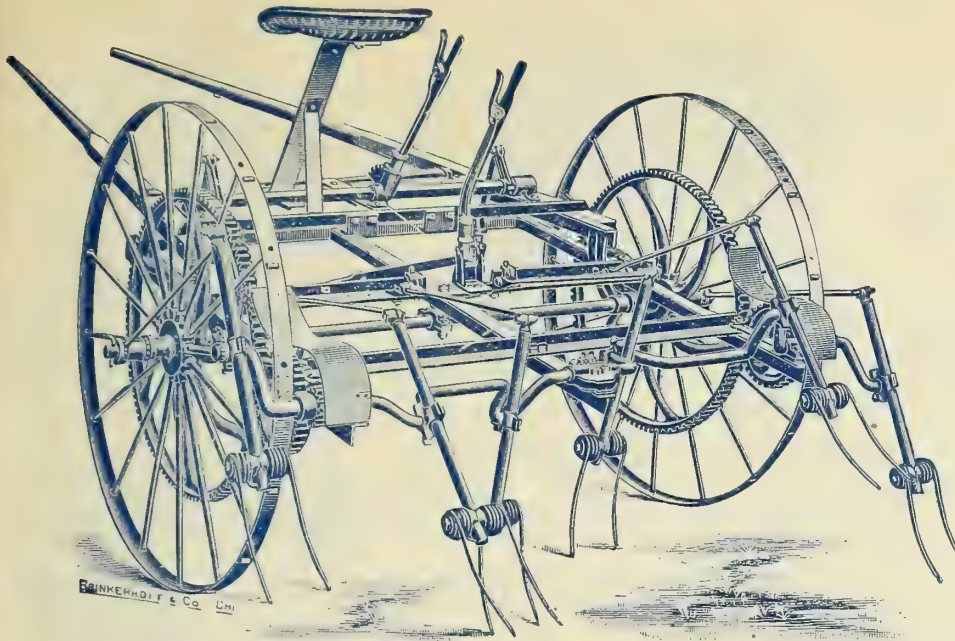
The Myers Carriers for rod, wood, or steel track are the most durable and easiest rigs to operate of any on the market. Any one with a hammer and wrench can rig his barn as well as an expert carpenter. We furnish everything necessary for rigging any style of barn. If you will send us the length and height of your barn and style of ridge pole, will name you price for the complete job.



PRICES.

Myers Reversible Carrier, each,	\$5.00
Myers One Way Carrier, each,	4.50
Myers Wood Track Carrier, each,	4.50
Myers Steel Track, per foot,	.13
Myers Steel Hanger Hooks, per dozen,	1.00
Myers Malleable Iron Rafter Brackets, per dozen,	.50
Myers Four Tine Grapple Forks, each,	4.00
Myers Six Tine Grapple Forks, each,	4.50
Myers Double Harpoon Forks, each,	1.00
Myers Knot Passing Pulleys, each,	.25
Myers Common Pulleys, each,	.20
Myers Rope Hitch, each,	.25
Myers Floor Hooks, each,	.10
Myers Steel Grapple, each,	.50



**The BAY STATE TEDDER**

Wood or Steel Frame.

Six and Eight Fork.

This tedder is made expressly for us by the largest firm in the country. It has all the latest improvements in all outside fork hay tedders, and unexcelled for strength and durability. The combination of pole and shafts makes it very handy for the farmer who often wants to change from the mower to the tedder. This change can be made in a very few minutes. We can furnish it in either wood or steel, as preferred, and we want a good energetic man for an agent in every town.

List price, wood frame, 6 fork, \$28.00; discount for cash, \$2.00.

List price, steel frame, 6 fork, \$30.00; discount for cash, \$2.00.

List price, steel frame, 8 fork, \$32.00; discount for cash, \$2.00.

The De Laval "Baby" Cream Separators.

The purpose of the Cream Separator is the expeditious and complete separation of cream from milk in the most practical manner possible.

METHOD OF OPERATION.

The Separator consists of a cylindrical-shaped steel bowl or vessel, encased within and mounted upon a frame provided with suitable gearing to acquire a high speed with a minimum expenditure of operating power. The whole-milk is fed into this bowl, the separation effected within it, and the cream and skim milk are separately discharged from it, the discharge following within half a minute after the in-flow, while the machine may be used for as few minutes or as many hours—at a time—as may be necessary, according to the amount of work to be done.

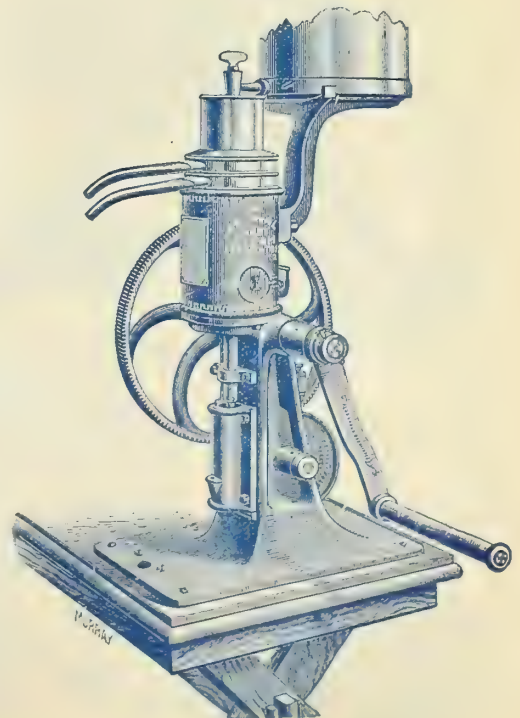
"HUMMING BIRD."

The "Humming Bird" or No. 0 is the smallest of the "Baby" machines, and is of the improved "Alpha" disc bowl type. It possesses all the advantages of the larger styles of "Alpha" machines, and is designed for popular household and small dairy use, from the family buying its milk and wishing to turn part of it into cream or butter as wanted, to the private dairy or farmer having less than 6 to 8 cows. It is operated with a ratchet strap, instead of a crank—the motion being that of pulling an oar toward one—and is extremely easy of operation, being easily capable of use altogether by

women and children. Its capacity is 175 lbs., and price \$65.00.

IMPROVED "BABY"**No. 2.**

The "Baby" No. 2 is the best-known and heretofore most widely used size of dairy separator, and is the machine which has done most toward revolutionizing farm dairying. It is of the "Alpha" or disc bowl type, and as now made possesses many improvements over any previous form. It is intended for dairies from 5 to 20 or 30 cows, and often used in even larger ones. Its capacity is now 350 lbs., and price \$125.00.



Send for large circular describing all sizes and giving bottom prices.

The Stoddard Creamery.

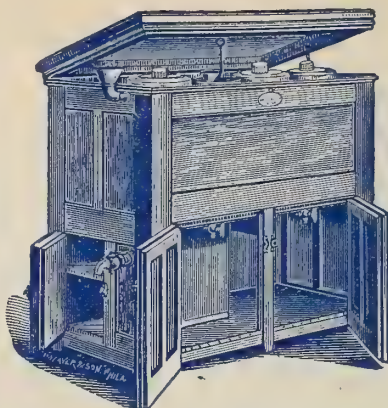
With Surface Skimming Attachment—With
or Without Special Refrigerator.

The Stoddard Creamery, with the Surface Skimming Attachment, is the most popular of any Cream Raising Apparatus on the market.

PRICE LIST.

Price in first column is for the Plain Creamery; the second column is price with Special Refrigerator Compartment, lined with zinc and having slate shelves. Both styles have the lower compartment doors.

Discount for cash, 10 per cent.



FAMILY CLASS.

	No. of Cows.	Plain Creamery.	With Sp.R't'g
No. 2 ... 2 cans...	2 to 3...	\$20.00	\$
No. 3 ... 3 " ...	3 to 4 ...	26.00	31.00
No. 4 ... 4 " ...	5 to 6 ...	32.00	37.00
Each can holds 2 1-2 gallons, or 21 lbs., of milk.			

DAIRY CLASS.

	No. of Cows.	Plain Creamery.	With Sp.R't'g
No. 2 ... 2 cans...	5 to 6...	\$25.00	\$
No. 3 ... 3 " ...	7 to 9...	31.00	36.00
No. 4 ... 4 " ...	10 to 12...	37.00	42.00
No. 5 ... 5 " ...	13 to 15...	43.00	48.00
No. 6 ... 6 " ...	15 to 18...	49.00	54.00
No. 8 ... 8 " ...	20 to 24...	61.00	66.00
No. 10 ... 10 " ...	25 to 30...	73.00	78.00
No. 12 ... 12 " ...	30 to 36...	85.00	90.00
Each can holds 5 gallons., or 42 lbs., of milk.			

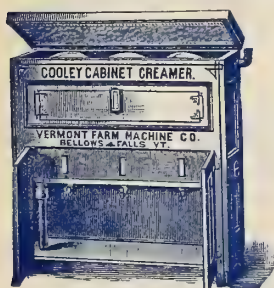
THE COOLEY CREAMERY.

We are pleased to inform our customers that we have the agency for all goods made by the Vermont Farm Machine Co., and our prices will be as low as they can be bought for. The Cooley Creamery has been upon the market so long, and is so extensively used and so well known, that it will not be necessary for us to enlarge upon its merits. This Creamer is manufactured in four styles. Send for fully illustrated pamphlet.

PRICE LIST OF COOLEY CREAMERS.

	Senior Style.	Junior Style.	Elevator Style.	Cabinet.
No. 0 ... 1 Can...	1 to 3 Cows...	\$18.00	\$20.00	\$00.00
No. 00 ... 2 " ...	4 to 6 " ...	25.00	25.00	27.00
No. 1 ... 3 " ...	6 to 9 " ...	30.00	32.00	33.00
No. 2 ... 4 " ...	9 to 12 " ...	35.00	37.00	40.00
No. 3 ... 6 " ...	12 to 18 " ...	45.00	48.00	52.00
No. 4 ... 8 " ...	18 to 25 " ...	55.00	58.00	64.00
No. 5 ... 10 " ...	24 to 30 " ...	65.00	70.00	75.00
No. 6 ... 12 " ...	30 to 36 " ...	75.00	80.00	85.00
No. 7 ... 14 " ...	36 to 42 " ...	85.00	105.00	
No. 8 ... 16 " ...	42 to 48 " ...	95.00	117.00	

Price of Cans, only, 18 Quart, \$3.00 Discount for Cash, 10 per Cent.
Creameries, write for Special Discount.



THE DAVIS SWING CHURN.

The principle governing the process of butter-making in the Davis Swing Churn is that the particles of cream come in contact with each other only, and are not unduly beaten by floats. It is very easy to work and very simple in its construction. The butter comes in beautiful granules in the most desirable forms for washing with cold water or brine.

No.	Ca- pacity Gals.	Will Churn Gals. or Less.	List Price.	Discount for Cash.	No.	Ca- pacity Gals.	Will Churn Gals. or Less.	List Price.	Discount for Cash.
1	7	3	\$ 7.00	\$1.00	6	40	20	\$18 00	\$2.00
2	10	5	8.00	1.00	7	60	30	25.00	3.00
3	16	8	10.00	1.50	8	80	40	30.00	4.00
4	24	12	12.00	1.75	9	100	50	35.00	5.00
5	30	15	15.00	2.00	11	200	100	50.00	7.00

THE BLANCHARD CHURN.

We offer the Blanchard Churn to our customers as being one of the best at which is before the public.

It has no rival in cheapness, durability, simplicity and efficiency; and its large and increasing sales everywhere is the best proof that it gives satisfaction.

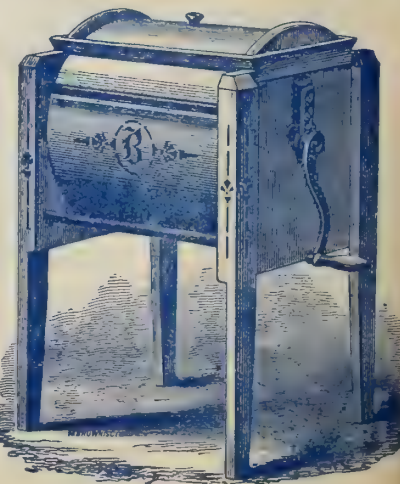
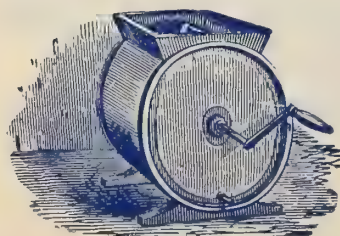
PRICE LIST OF BLANCHARD CHURNS.

No. 3.	For 2 Gallons of Cream, List Price.....	\$ 6.00	Discount for Cash.....	\$1.00
No. 4.	" 4 " " " " "	7 00	" " " " " "	1.25
No. 5.	" 8 " " " " "	8 00	" " " " " "	1.50
No. 6.	" 12 " " " " "	10.00	" " " " " "	2.00
No. 7.	" 16 " " " " "	12.00	" " " " " "	2.25

THE VARNISHED CYLINDER CHURN.

No. 1.	List price ...	\$2.50	Discount for cash ...	\$0.75
No. 2.	" " " " " "	3.00	" " " " " "	0.75
No. 3.	" " " " " "	3.50	" " " " " "	0.75
No. 4.	" " " " " "	4.00	" " " " " "	1.00

Designed for those having a Small dairy.



THE STODDARD CHURN.

The Stoddard Churn is made by hand in the most thorough manner and of kiln dried white oak. It will last for years. The principle is concussion not friction—has no float nor paddle inside. It is easily operated, easily cleaned. This Churn is worth one-third more than any other barrel churn made.



PRICES—DAIRY SIZE.

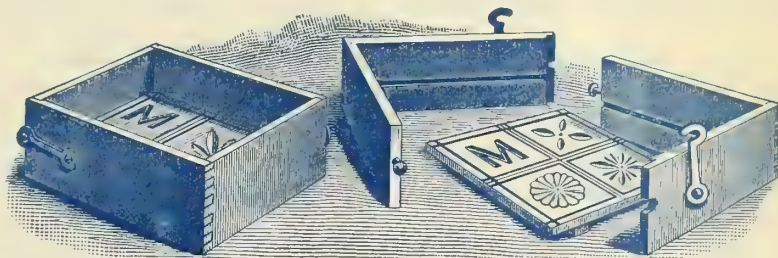
		List Price.	Discount for Cash.
No. 1.	Ten gallon churn; churns from 1 to 4 gallons cream.....	\$ 8.00	\$1.00
No. 2.	Fifteen gallon churn; churns 2 to 7 gallons cream.....	9.00	1.00
No. 3.	Twenty gallon churn; churns 3 to 9 gallons cream.....	10.00	1.25
No. 4.	Twenty-five gallon churn; churns 4 to 12 gallons cream.....	12.00	1.50
No. 5.	Thirty-five gallon churn; churns 5 to 16 gallons cream.....	14.00	1.75
No. 5½.	Forty-five gallon churn; churns 5 to 20 gallons cream.....	17 00	2.00
No. 6.	Sixty gallon churn; churns 6 to 28 gallons cream.....	20.00	2.50
Pulleys, for power, extra. Twelve-inch iron pulley, including extra heavy frame		3.00	
Cone pulley pulley attachment for dog power		3.00	

THE BLANCHARD BUTTER MOULD.

We keep this style in stock, and can recommend it as being first class, while the price is much less than the Combination mould which costs double.

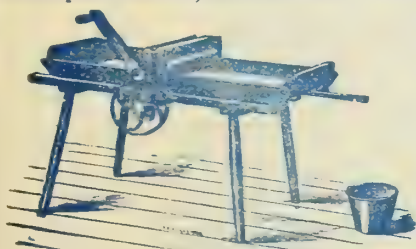
PRICES.

1-2 lb.....	\$1.00
1 lb.....	1.25
2 lb.....	1.50



WATERS' NEW BUTTER WORKER.

The purpose of working butter is to free it from buttermilk and distribute the salt evenly through it. The less labor required to accomplish this end, the better for the butter. The Waters differs from most butter workers principally in the point that the tray, with the butter, moves under a stationary roller instead of the roller travelling over the butter in the tray. We have many testimonials from parties who recognize the great superiority of this principle, as embodied in the Waters Butter Worker.

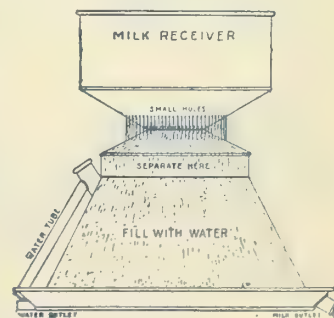


No.	Capacity.	List Price.	Dis for Cash.
No. 0.....	1 lb. to 15 lbs.	\$ 7.00	\$1.00
No. 1.....	5 lbs. to 30 lbs.....	8.00	1.00
No. 2.....	5 lbs. to 40 lbs.....	9.00	1.25
No. 3.....	5 lbs. to 50 lbs.....	10.00	1.50
No. 4.....	10 lbs. to 80 lbs.....	14.00	1.75

THE MODEL MILK COOLER AND AERATOR.

Does what no other cooler does, namely, thoroughly cools the milk and at the same time aerates it perfectly, so that it is ready to ship or peddle at once. No time is lost in stirring morning's milk and getting it ready for customers, as it is cooled as fast as milked. When through milking, your milk is all cooled and aerated ready to start with, which is a great saving of both time and labor. The Model Cooler is very simple in construction and use, as any child old enough to milk can use it. In using the Model Cooler, strain the milk into the receiving tank as it is milked, so that when through milking your milk is cooled and aerated ready to ship or deliver to customers. Made in three sizes to suit any dairy.

No. 2.	Suitable for 10 to 15 cows, Cash retail price.....	\$ 7.00
No. 3.	" " 25 to 40 cows, " " "	8.00
No. 4.	" " 50 to 100 cows, " " "	10.00

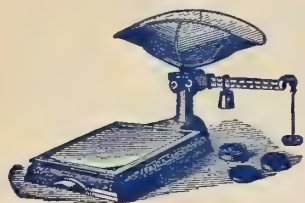


FLOATING DAIRY THERMOMETER.

These Thermometers are graduated especially for dairy use, and mark the degrees for freezing, churning, cheese-making and scalding.



By Mail,..... Price, each, \$0.35

**FARMERS' SCALES.**

We offer for the use of farmers and dairymen, and housekeepers, a convenient and low-priced scale, warranted accurate, weighing from 1-2 oz. to 240 lbs. Single beam, \$4.50; double beam, \$5.00.

FAIBANKS' DAIRY SCALES.

With marble top. Will weigh 1-4 oz. to 25 lbs. Net price, \$9.00
For farmers' use we have a 600-pound platform scale with wheels for \$15.00

**MILKING TUBES.**

No. 1. Price, each, by mail.....\$0.25



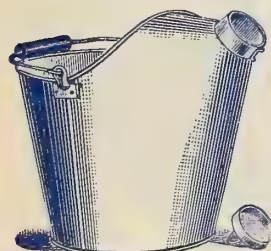
No. 2. Price, each,.....\$0.35

No. 3. Price, each.....\$0.45

THE GEM COMBINATION MILK BUCKET.

With Removable Strainer.

It has no equal in its simplicity. Made of the best IX Tin, with Steel Strainer Frame. The Gem Combination Milk Bucket can be used for milk with strainer, or the strainer can be removed by a single turn of the latch and the bucket used for any other purpose. The Strainer is constructed of Steel, with Fine Brass Wire Cloth, and can be readily converted into a cloth or muslin strainer by simply covering the frame with the cloth and inserting the frame in place. It has none of the disadvantages of the old style bucket. It has a dairy pail bottom which adds to its strength and lifetime. The strainer can be cleaned in a moment's time by removing it.
Price, 10 quarts.....\$0.60 12 quarts.....\$0.70 14 quarts.....\$0.80



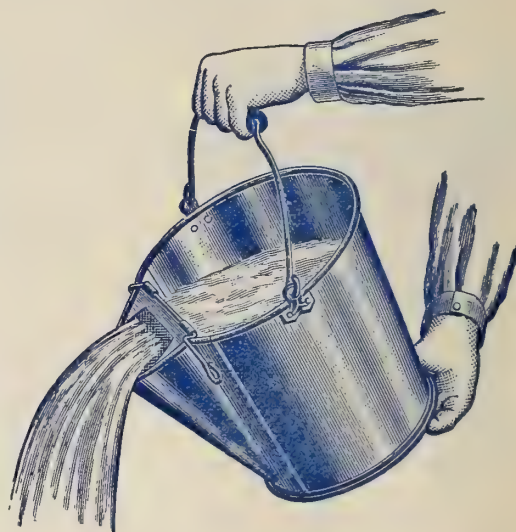
Common Sense.

COMMON SENSE MILK PAIL.

This pail is made of extra heavy tin. The strainer can be removed to clean or repair, and it is the best pail for all purposes made.
Price.....\$1.25

I. C. MILK PAIL.

The I. C. Milk Pail is for dairy use. It is a special pattern. The seams are all soldered inside, and wire at the top. It has a rim to protect the bottom, which also serves as a handle in tipping. Price, 14 quarts, 60c.; 12 quarts, 50c.



Gem.

RAILROAD, OR MIXING CANS.

With 3-4 Inch Nickel Plated Brass Cocks.

This can is used for tanking milk where a large number of cows are kept. The cocks are attached by means of a thread or screw, and can be removed.

PRICES.

20 quarts.....	\$ 4 50
30 quarts.....	5.00
40 quarts.....	5.25
50 quarts.....	6.75
60 quarts.....	8.50
80 quarts.....	12.00

Larger Sizes Furnished to Order.



I. C.

BUTTER BOXES.

The Dumas square box holds five pounds; the only box that butter can be turned out of and left in good shape. Price, per dozen, all papered, 75 cents.

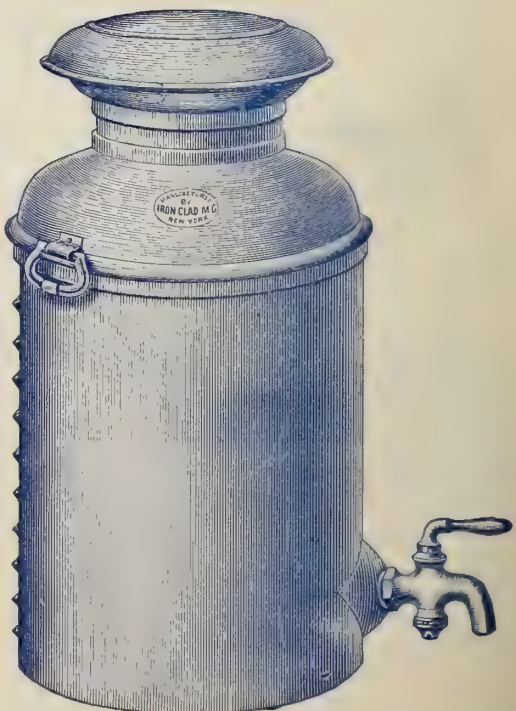
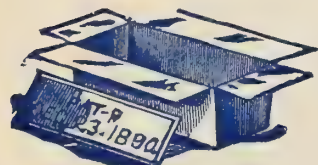
We also have the five and ten pound boxes at 65 cents per dozen, for five pound, and 75 cents for the ten pound.

BUTTER CARRIERS.

For shipping butter moulded in quarter and half pound lumps. We make these Carriers ourselves, and they are the best Carriers on the market.

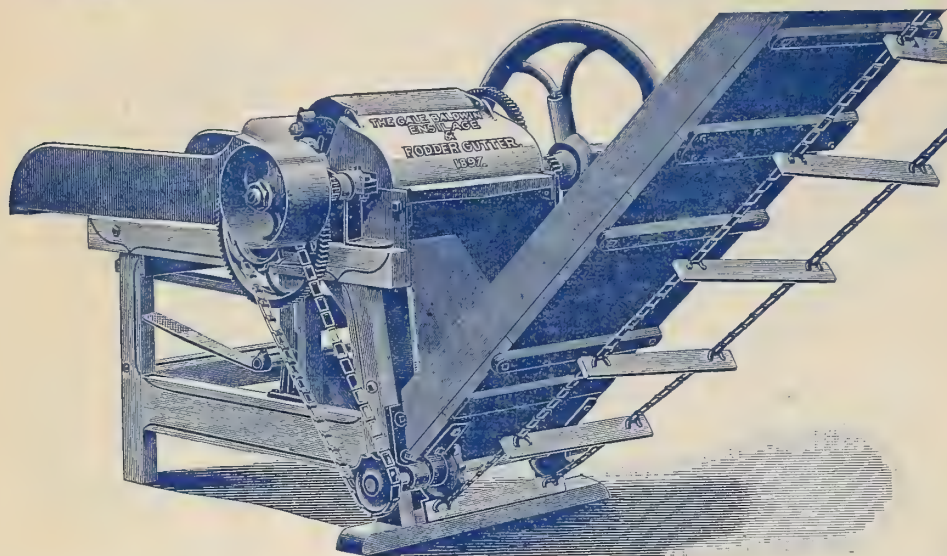
Price, 16 pounds.....\$1.50
Price, 24 pounds.....1.65

Price, 32 pounds.....\$1.85
Price, 40 pounds.....2.00



GALE BALDWIN ENSILAGE AND FEED CUTTER.

In the construction of this machine we use all the good features found in the Improved Baldwin Feed and Ensilage Cutter which we made that well known machine so popular. The Gale-Baldwin is a **strong feeder**, and cuts with great ease and rapidity, while all parts are made strong. THE BEECHER'S PATENT ROTARY CUTTER HEAD is used exclusively on this machine, and its long use on the power Baldwin machine has proved its superiority over all other devices for ease of adjusting the knives and durability.



Description of Sizes.

Length of knives in inches same as number of machine. Each size made with two knives.

No. 16—This is a strong, substantial Cutter, suitable for common work on ensilage or dry fodder. It has powerful feed rollers and is easy to feed. Capacity for ensilage, $2\frac{1}{2}$ to 5 tons per hour. Power required, one to two horse tread power. Speed, 500 to 600 revolutions per minute. Cut, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ or 1 inch. Pulley and wheel interchangeable. Special cutters of this size furnished to cut double above lengths. Regular pulley 10 inch, other sizes furnished.

Price of Cutter without Carrier.....\$60.00
Straight Delivery Carrier, 12 feet long or under..... 24.00
Angle Delivery Carrier, 12 ft. or under, New Sprout Carrier 32.00

Over 12 feet, extra per foot.....\$ 1.50
Safety Treadle Lever..... 5.00
Masticator Attachment..... 30.00

No. 18.—This is a large and powerful machine, and the favorite for cutting large quantities of ensilage and dry feed. Large powerful feed rollers and easy to feed—no pushing necessary after rollers grasp the feed. Capacity for ensilage, 50 to 100 tons per day. Power required, two to four horse. Speed, 500 to 600 revolutions per minute. Cuts $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$ or 1 inch. Gear also furnished to cut $\frac{1}{2}$ inch if ordered. Is a simple machine and easily kept in order. Pulley and balance wheel interchangeable. Heavy knives and gearing.

Price of Cutter.....\$100.00

Straight Delivery Carrier, 12 feet long or under \$24.00

Angle Delivery Carrier, 12 feet long or under,
with New Spout Carrier..... 32.00

Over 12 feet long, extra per foot..... 1.50

Safety Treadle Lever..... 5.00

Masticator Attachment..... 40.00

No. 22.—Is a very large and heavy Cutter with great capacity. Power required, five to ten horse engine. Length of cut same as No. 18.

Price of Machine.....\$150.00

Straight Delivery Carrier, 12 feet long or under 30.00

Over 12 feet, extra per foot ..\$2.00

Safety Treadle Lever 6.00

Write for Discount.

R. B. MOUNTED GRIND STONES.

This is the best stone for the money on the market. The legs and braces are wrought iron, with malleable hangings. Wood frame, painted red. Best OHIO GRIT. Three sizes for all uses.

No. 1. Stone weighs about
120 lbs.....\$5.00

No. 2. Stone weighs about
85 lbs..... 4.50

No. 3. Stone weighs about
65 lbs..... 4.00

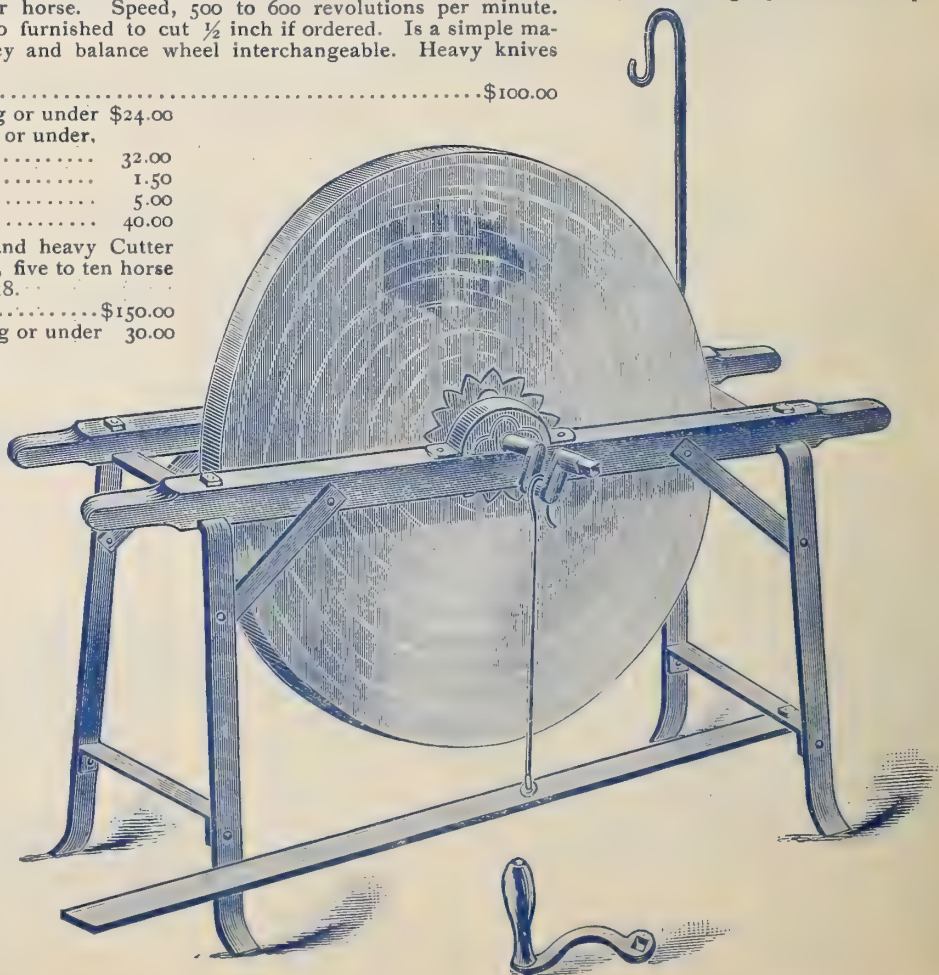
HERCULES.

This stone is same grade as above but is mounted on heavy frame and fixtures.

No. 3. $2\frac{1}{2}$ x 26 inches.....\$6.00

No. 6. 2 x 30 inches.....\$6.50

No. 9. 2 x 34 inches..... 7.00



MYERS' SPRAY PUMPS.

A LARGE AND COMPLETE LINE UP TO DATE.



Fig. 305.

Spray Pumps for Spraying Trees, Etc.

The subject of spraying fruit trees and small fruit has been so thoroughly discussed and written up in all its details and different phases in fruit growing periodicals and agricultural journals, coupled with the fact that every fruit growing state has its own Experiment Station, Agricultural Society or College, from which documents or bulletins are issued free to its residents on application, giving results of experiments, different formulas for all kinds of insects and trees, in the most approved and scientific manner, containing complete information, describing the different insects, the formula to use and how and when to apply it, thus establishing the fact that spraying does pay, and is necessary to insure crops.

The Myers' Brass Spray Pumps are constructed of material that is not affected by the poisonous arsenites used in the different formulas for spraying fruit trees, vines and shrubbery. The cylinder and all the working parts are brass; has rubber ball valves, and is equipped with our Combination Spray Nozzle, which will throw a spray as fine as mist.

Fig. 305. This cut shows our latest Barrel Pump complete with 5 feet, 1/2 inch, 3-ply hose and graduated vermoral nozzle, 8-foot extension pipe and barrel. This gives a complete outfit, large enough for any orchard, and a rig that cannot be beaten at any price.

List price.....\$16.00 Discount for cash.....\$ 6.00

Little Giant Brass Spray Pump, with foot rest, best hose and combination, fine and coarse spray, and solid stream nozzle. List price.....\$5.00 Discount for cash.....\$1.00

The Johnston Daisy Force Pump and Sprayer.

For farmers, gardeners, nurserymen, fruit growers and housekeepers. It is indispensable for killing bugs and insects on vines, vegetables and fruit trees. The best pump on the market for the money.

Retail price.....\$1.00



KNAPSACK SPRAY PUMP.

For Orchard, Vineyard or General Use

The tank of this pump holds five gallons, is fitted up with lid and strainer, which can be removed. The pump is our regular Copper Tank Spray Pump, with large air chamber, ball valves, solid plunger and agitator.

It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump is also fitted with handle, so the operator can use it the same as tank with bucket pump, viz.: set the knapsack on the ground and work pump

with handle. Can be carried by hooking snap in strap on the opposite side provided for that purpose, making a neat handle, as shown by the dotted lines. The handle lever can be shifted from right to left shoulder, at will.

List price.....\$16.00 Discount for cash.....\$6.00

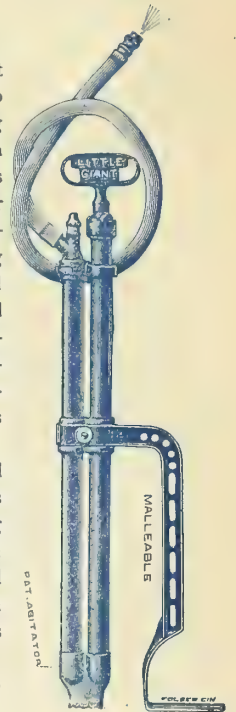
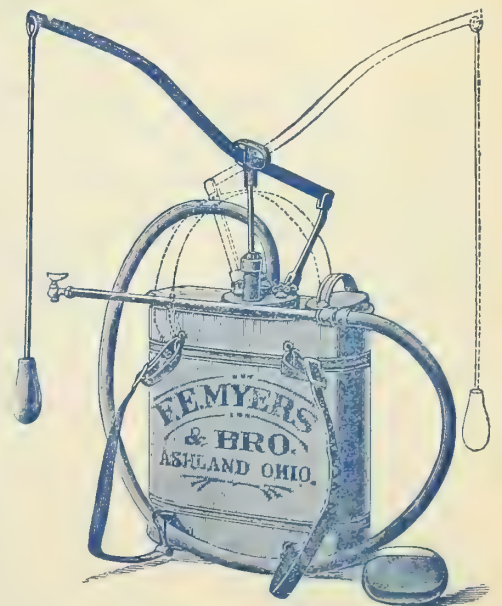
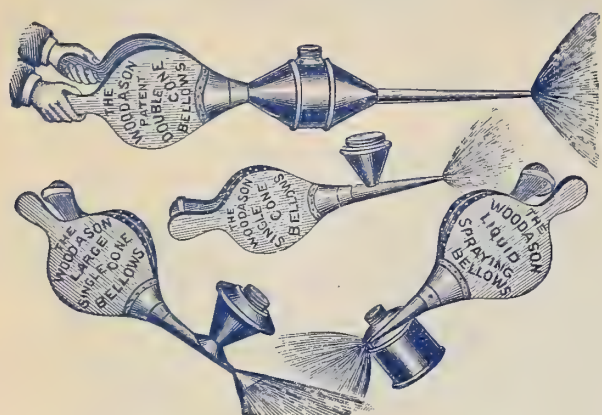


Fig. 327.



WOODASON'S LIQUID AND POWDER SPRAYING APPARATUS.



For the destruction of insects, rust, smut, mildew, blight, rot, etc., in houses, gardens, orchards and fields, and for spraying kerosene on cattle.

World's Fair—Highest Awards, Medals and Diplomas.

PATENT DOUBLE CONE BELLOWS.

Three feet six inches, to four feet long; blows Paris Green, London Purple, Hellebore, Pyrethrum, Sulphur, Flour, Slaked Lime, Ashes, etc. Can dust two or three acres per hour. Price, \$3.00.

LARGE SINGLE CONE BELLOWS.

Recommended for sulphuring green houses, and rose bushes, etc., in gardens. Price, \$2.00.

SINGLE CONE INSECT POWDER BELLOWS.

It never fails to completely destroy bugs, roaches, moths, mosquitoes, flies, fleas on dogs, lice on birds, animals and plants, etc. Price, \$1.00, size, 6 x 18 inches.

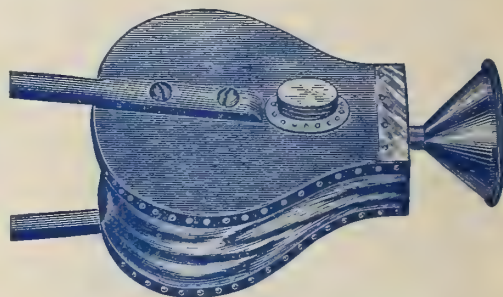
LIQUID SPRAYING BELLOWS.

The Liquid Sprayer is the article used by farmers for spraying cattle to keep off the flies, and it will do the work every time. We have a large stock of them, and should like a good agent in every town. It is also used for killing insects in gardens, orchards and fields, throwing a spray as fine as smoke, destroying insects under the leaf and every part of the bush. Poultry keepers should have one for spraying coal oil in the hen house. Price, large size, \$2.00; small size, \$1.25.

ELECTRIC INSECT EXTERMINATOR.

Simple—Practical—Effectual.

Put the powder into the machine through the opening in the side. Work the handles, when the powder is discharged by the force of the air, and by means of the funnel outlet is distributed evenly over the plant. A perforated tube on inside of machine regulates the quantity and prevents any surplus of powder being discharged. Experience has proven that Paris Green in its pure, unadulterated state does not injure the vines, and is far more effectual than when mixed with plaster or any other substance, and with the Electric it is done so easily. Every farmer who once tries the Electric in killing potato bugs will never be without it. Price, \$1.00.



ACME POWDER GUN.

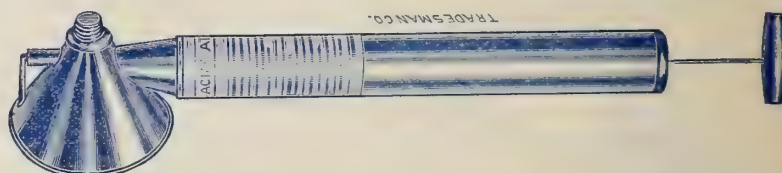
A simple practical implement for the extermination of potato bugs and all kinds of insects, flies, etc., the pests of every house and garden. It will handle all insecticides in their dry state—Pure Paris Green, Hellebore, Persian Insect Powder, etc. It is very effective in the destruction of Potato Bugs, Currant Worms and all like pests, and for the wholesale destruction of house flies, using freshly ground

Persian Insect Powder, cannot be excelled. Acme Powder Gun is well made, with a solid hardwood head block, hardwood handles, best leather for the bellows, (an extra elbow is furnished to tilt the funnel for getting under the leaves of plants and shrubs,) and is well finished throughout, making a neat, attractive and serviceable implement. Every farmer should have one. Net price, \$1.00.

THE ACME ATOMIZER.

(Patent Applied For.)

For spraying Paris Green and other Insecticides on Potato Vines, Shrubs, Small Trees, House Plants, Live Stock and Poultry. A great labor saver on the farm and in every garden, barn, greenhouse, orchard and hen-ry. It will apply the finest possible spray on any object desired and exterminate any kind of insect life. Weighs only one pound. Can hold one and one-half pints and will cover 750 hills of potatoes, and easily cleans itself when turned upside down. Was thoroughly tested last season and gave universal satisfaction. Indispensable on every farm. Net price, \$1.00.



ST. ALBANS HORSE POWERS.

We claim for this Horse Power an adaptability for farmers' use never equalled by any other power in the market. The study has been to so construct them that they should meet all their wants, and be easily adjusted to any and every use, particularly such as churning, sawing wood and cutting hay and straw for feeding cattle and horses. It has of late been fully demonstrated that the farmer makes a large saving by cutting his hay, straw, stalks or other fodder, and mixing with the same a small portion of meal; and that he also gains very largely in the better condition of his stock.

One-horse power, with speed regulator.....	\$75 00	Discount for cash.....	\$5.00
Two-horse power, with speed regulator.....	85.00	Discount for cash.....	5.00

The above prices are f.o.b. cars at factory. Rubber or leather belting at bottom prices.



THE LENOX SPRAYER.

For Potato Bugs, Garden, Hops, Cotton and Tobacco Fields, Orchards, Grape and Small Fruit Culture.

Made of the best Galvanized Tin and Copper; will not rust; warranted to last many years. Weight when full, 50 pounds. The straps are provided with buckles, and are adjustable to fit a boy or a man of any size. It is also provided with a fine strainer cloth at the top where the liquid enters, to prevent leaves or dirt from getting into the Sprayer, thus impossible to clog up the nozzle. Price, Galvanized, \$3.25; Copper, \$5.00.

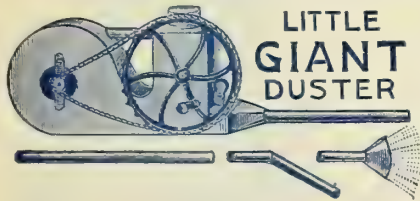
HOTCHKISS BROTHERS DRY POWDER GUN.

For applying clear Paris Green and other dry insecticides for destroying potato bugs and all other injurious insects. It does away with the slow, laborious process of applying mixtures in water or plaster. The process is a quick and effective way and every farmer should obtain one of these light easy running machines. Price \$5.00

LITTLE GIANT DUSTER.

Model of 1898.

For Farm, Garden, Vineyard, Tobacco Fields, Etc.



Distributes Paris Green, London Purple, Hellebore, Sulphur, Lime, Fungoid (the dry Bordeaux Mixture,) Paris Green and Fungoid Compound, Spanish Pink, Pyrethrum Powder, Etc. Weighs only five pounds complete. Full length with tubes, 4 feet 8 inches. This machine keeps the poison at a safe distance from the operator. Dusts potato vines as fast as you walk. Anyone can use it. Will not get out of order or clog, and with good usage will last for years. Price, \$3.50.



Hotchkiss Powder Gun.

For Farm, Garden, Vineyard, Tobacco Fields, Etc. Distributes Paris Green, London Purple, Hellebore, Sulphur, Lime, Fungoid (the dry Bordeaux Mixture,) Paris Green and Fungoid Compound, Spanish Pink, Pyrethrum Powder, Etc. Weighs only five pounds complete. Full length with tubes, 4 feet 8 inches. This machine keeps the poison at a safe distance from the operator. Dusts potato vines as fast as you walk. Anyone can use it. Will not get out of order or clog, and with good usage will last for years. Price, \$3.50.

LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For distributing dry insecticides and fungicides. Thousands in use. Distributes Green, London Purple, Hellebore, Sulphur, Lime, "Fungoid," Tobacco Dust, Etc. Destroys potato bugs and all other insects, and prevents blight. For the farm, orchard, vineyard and garden. Sure, rapid, safe, strong and cheap. Retail price, \$7.50; discount for cash, 50 cents.

LION SHELLER.

A good Corn Sheller is something every farmer should have in his corn crib, in fact, it is almost indispensable. We can furnish any size, but the Lion shown in cut is best adapted for farm use and for those having but a small amount of corn to shell

Price \$10.00; discount for cash, \$1.00

THE CENTENNIAL FANNING MILL.

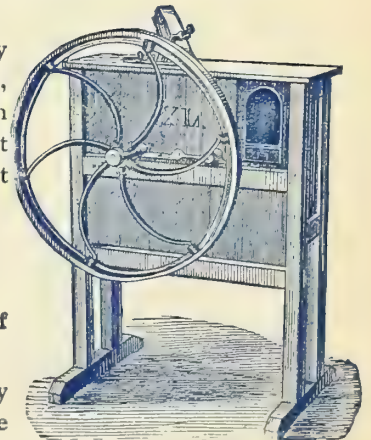
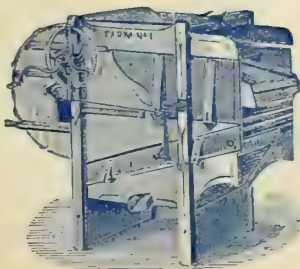
The Most Perfect Cleaner, Grader and Separator of all Grain and Seeds.

The Centennial is an excellent chaffer, having plenty of wind and shake. Having two shoes it carries more screens than any other mill in the market. It will separate oats and all seeds, such as pigeon grass, wild buckwheat, cockle, cheat, and other wild seeds from wheat at one operation. The best mill for all purposes in the market.

List price, \$20.00; discount for cash, \$4.00.



Leggett's Champion Gun.



Lion Sheller.

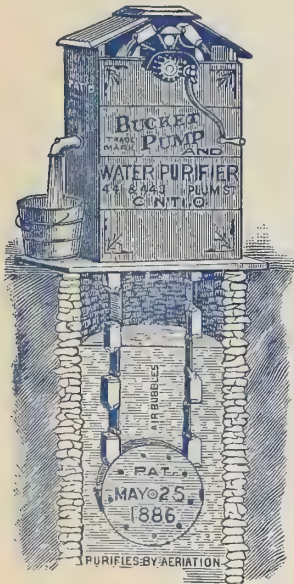
Drink Pure Water and Enjoy Good Health

BY USING THE

BUCKET PUMP TRADE AND MARK. WATER PURIFIER.

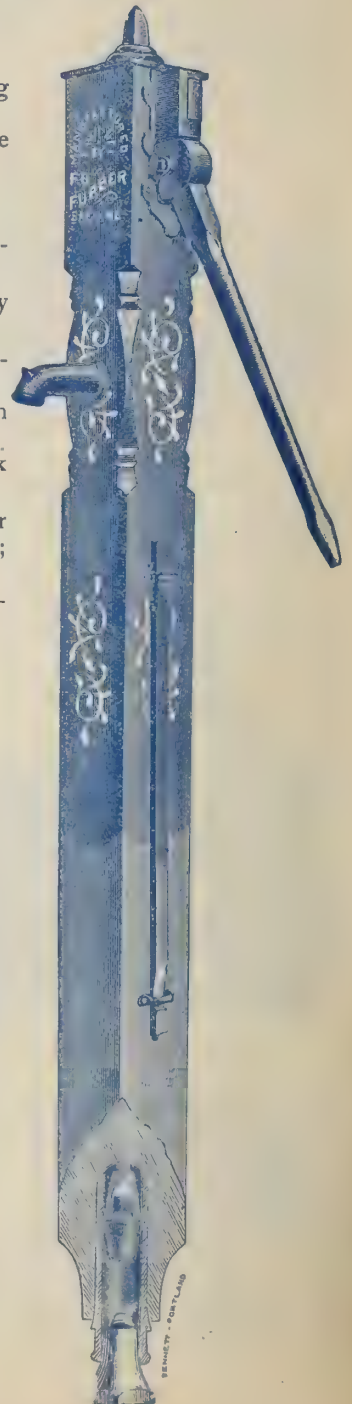
BEST ON EARTH FOR WELLS AND CISTERNS.

Endorsed by all Scientists and the Medical Profession as the "Grandest Water Purifier of the Age," and a preventive against CHOLERA, TYPHOID, SCARLET and MALARIAL FEVERS.



Warranted to Purify Foul Well or Cistern in Ten Days Use.

It draws 10 gallons of water per minute. It has no tubing to rust or wear out.
 It is always at its best and ready for use. It never has to be packed, primed or thawed out.
 It will make bad water good and good water better.
 It will not freeze, having stood the test of 38° below zero.
 It will not rust, the chain and bucket being made of galvanized steel.
 A ten-year-old boy can draw water with ease from a sixty foot well.
 It can be put up in 15 minutes, as it has no attachment below the platform.
 It has no wooden tubing, rubber or leather in contact with the water to contaminate it.
 After years of service the same number of turns of the crank draws the same amount of water as when new.
 List price for first 10 feet, \$10.00; after that 50 cents per foot; for well over 15 feet and under 25 feet, 20% off; over 25 feet, 25% off.



FURBER PUMPS.

WE ARE AGENTS FOR THE FURBER PUMPS.

It is so well known that it needs no praise of ours. We keep a large stock on hand at all times, and can offer them at very low prices, at wholesale as well as retail.

MARKET PUMP.

Made from 6x6 inch stock, 3 1-2 inch bore, for general use.

	Porcelain Lined.	Unlined
6 feet long.....	\$ 6.50.....	\$ 5.00
7 ".....	7 00.....	5 50
8 ".....	7 50.....	6 00
10 ".....	8 50.....	7 00
12 ".....	9 50.....	8 00
14 ".....	10 50.....	9 00
16 ".....	11 50.....	10 00
Use 4x4 Pipe for above Pumps; per foot.....		16
Couplings and band for above, each.....		.40

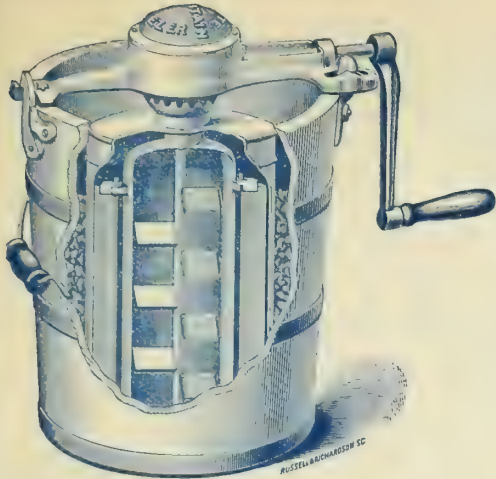
Made from 7x7 inch Stock, 4 inch bore.

	Porcelain Lined.	Unlined.		Porcelain Lined.	Unlined
7 feet long.....	\$8.50.....	\$6.90	8 feet long.....	\$9.10.....	\$7.50
Use 4 1/2 x 4 1/2 inch Pipe; per foot.....					.21
Couplings and bands for above, each.....					.40

Retail Price, 25 per cent. off from List.

PRICE LIST OF EXTRAS OR REPAIRS.

Extra Buckets, complete, 3 1/2 inch.....	\$.80	Iron Spout, each, for 6x6 Market Pumps, \$.30
Extra Buckets, complete, 4 inch.....	1.00	Bands, each.....	1.10
Extra Buckets, complete, 4 1/2 inch.....	1.35	Drop box valve for drop box lining.....	1.00
Extra Handles for all pumps.....	.30	Bucket Leathers, assorted, per dozen.....	3.50
Extra Plunger-rod & links, 10 ft. & under	.35	Furber's Patent Closed Bracket.....	.70
Extra Plunger-rod links.....	.25	Bucket Rubbers, each, 3 1/2 inch.....	.40
Extra Check Valves, per dozen.....	1.50	Rod Couplings, malleable iron.....	.40



THE BANNER ROOT CUTTER. The Most Rapid Cutter Ever Invented.

Built in three sizes for both hand and power. Simple in construction; easy to operate; has self-feeder; separates dirt from cut feed; cuts with a clean cut, and does not crush, grind and tear the feed. Net price, \$10.00.

THE WHITE MOUNTAIN ICE CREAM FREEZER The Best Freezer Made—Triple Motion.

2 quart.....	Net price, \$1.60		
3 quart.....	Net price, 1.90		
4 quart.....	Net price, \$2.40	12 quart.....	Net price, \$ 7.00
6 quart.....	Net price, 3.00	15 quart.....	Net price, 8.00
8 quart.....	Net price, 3.80	20 quart.....	Net price, 10.50
10 quart.....	Net price, 5.00	25 quart.....	Net price, 13.00

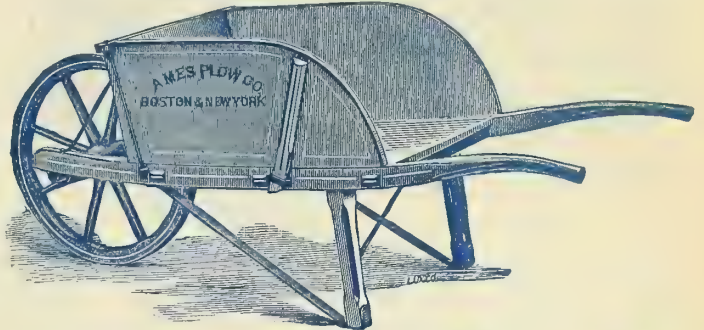


No 20.

GARDEN BARROWS.

We have the largest stock of Barrows in the city.
All made expressly for us.

Custom Made, Best 8 Spokes, Painted and Striped.	
No. 4.....	Price, \$4.50
No. 5.....	Price, \$5.00
Best 6 Spokes, Painted and Varnished.	
No. 4.....	Price, \$3.00
Boy's No. 2.....	Price, \$2.75
No. 6.....	Price, \$3.50



VICTOR LEVER FEED CUTTER.

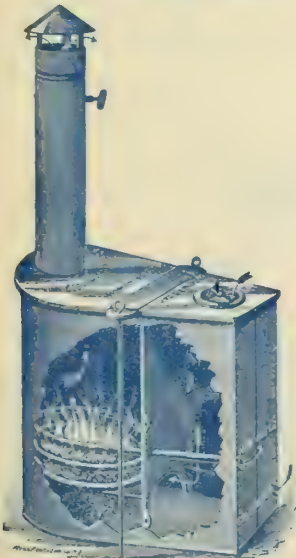
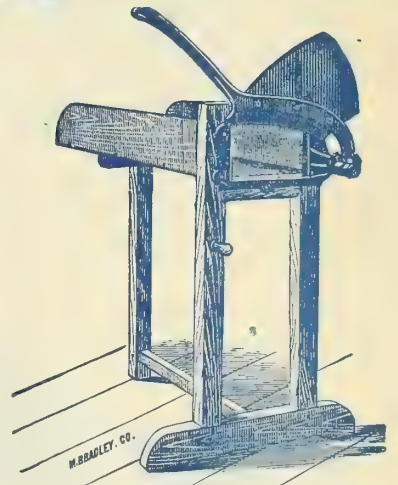
This cutter is designed for those having a small amount of feed to cut, and is one of the best cutters made.

No. 1. Straight Knife.....	\$4.50
No. 2. Hawk Bill Knife.....	5.00
No. 2½.....	6.00
No. 3.....	7.00

ECONOMY BOILERS.

No farmer can afford to be without a farm boiler or large kettle of some kind. The Economy, shown in cut, is the cheapest as well as the best of any on the market. We have a full line of the Economy Manufacturing Company's goods; and are New England Agents. Circulars describing all fully will be mailed on application.

40 Gallons.....	\$13.50	Discount for cash....	\$2.50
60 Gallons.....	16.00	Discount for cash....	3.00
70 Gallons.....	18.00	Discount for cash....	4.00



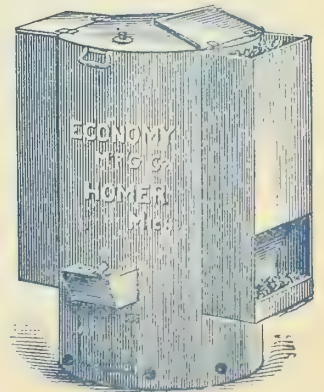
Tank Heater, for burning coal, wood or cobs. Price, \$8.50.



Oil Tank Heater, can be set in any barn without affecting insurance. \$8.00.



Poultry Fountain; water always warm. Price, \$5.50.



Poultry Fountain and Feeder; food and water always warm. Price, \$7.00.

THE MAJESTIC HIGH WHEEL, BALL BEARING LAWN MOWER.

Driving wheels 10 inches in diameter. Four revolving knives.

The superiority of Ball Bearings is now universally conceded. The only requirement being that they must be thoroughly made and perfectly hardened. In the Majestic Lawn Mower we offer a machine that in every respect is equal in workmanship to the highest grade bicycle.

The revolving knives run on twenty-eight $\frac{1}{4}$ inch cast steel balls, fourteen at each end.

The Ball Races and Adjusting Cones are also made from cast steel and perfectly hardened and ground. As a result the Mower runs easily, remains in adjustment and does better work than is possible with parallel bearings, which tend to wear out of true and allow "lost motion" to the knives.

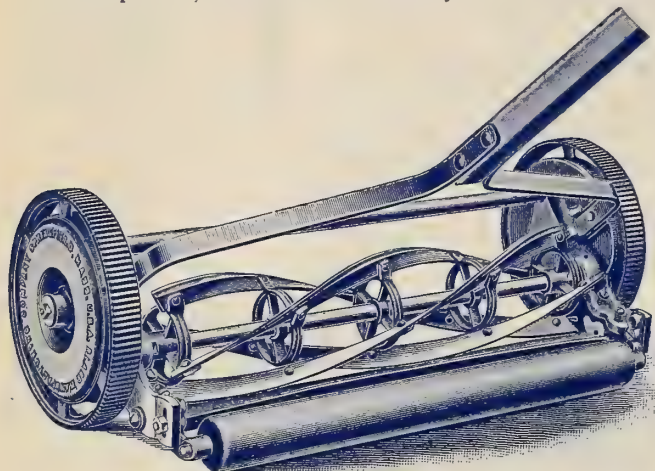
The use of Ball Bearings in a lawn mower makes necessary a rigid frame.

The frame of the Majestic is constructed with the greatest possible care and is warranted to hold the cutting edges true and in alignment, though subjected to the hardest use.

In short, the Majestic Lawn Mower is designed for a machine of higher grade than has heretofore been attempted, and is offered as the Perfection of Lawn Mowing Machines.

EVERY MOWER WARRANTED UNCONDITIONALLY.

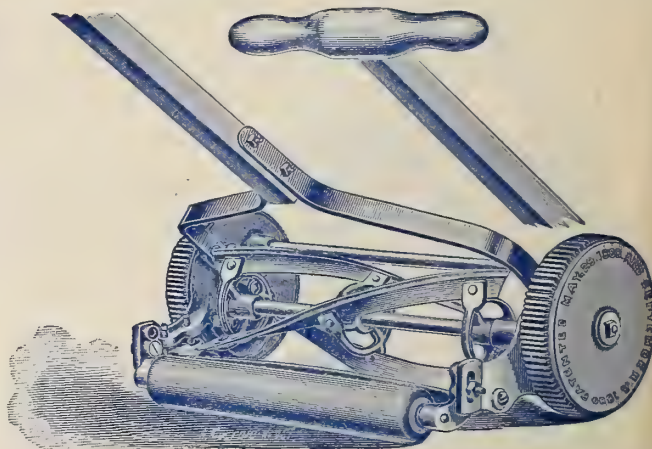
List Price, 14 inch.....	\$17.00	Net Price.....	\$ 8.00
List Price, 16 inch.....	19.00	Net Price.....	9.00
List Price, 18 inch.....	21.00	Net Price.....	10.00



Majestic.

Rossmoyne Style B.—This is a high grade Mower but sold at a very low price. Every part of this machine is made of the very best material and the finish and workmanship is equal to any machine on the market. Examine it and you will buy it. Every machine fully warranted.

Net Price, 12 inch.....	\$3.75
Net Price, 14 inch.....	4.00
Net Price, 16 inch.....	4.25
Net Price, 18 inch.....	4.50

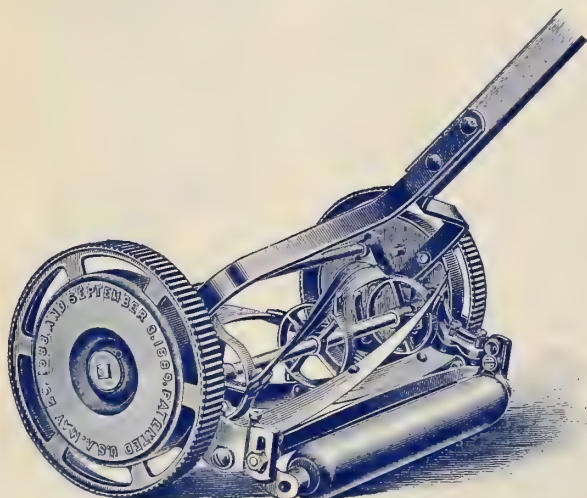


Rossmoyne Style B.

ROSSMOYNE STYLE C.

This machine is the same as Style B with a 10 inch wheel and four knives. It is all right for any lawn and is a very easy running machine.

Net Price, 12 inch.....	\$4.00
Net Price, 14 inch.....	4.50
Net Price, 16 inch.....	5.00



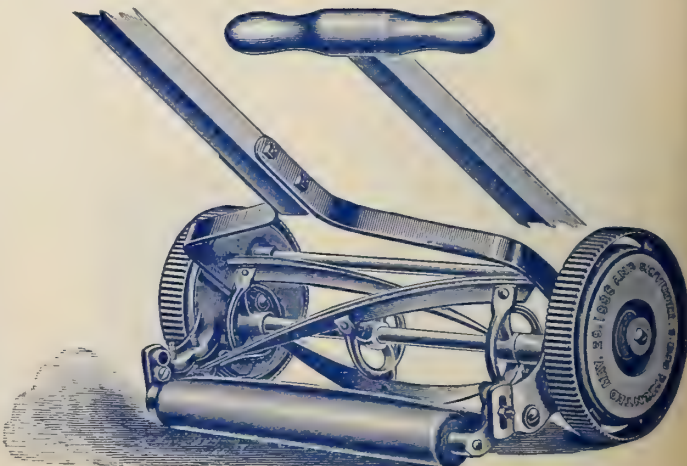
Rossmoyne Style C.

LITTLE GIANT STYLE A LAWN MOWER.

Patented.

A first-class lawn mower at a popular price. Three revolving knives giving continuous cut. Double bearing Pinion Gear and Positive Ratchet. Flexible lower knife. Self-Sharpening. Made of best materials and fully warranted. Do not buy a low price lawn mower until you have examined the Little Giant.

Net Price, 12 inch.....	\$2.50
Net Price, 14 inch.....	2.75
Net Price, 16 inch.....	3.00



Little Giant.

GENUINE PHILADELPHIA LAWN MOWERS.

The Genuine Philadelphia outwears any other. All genuine Philadelphia bear the Philadelphia trade mark.

We take pleasure in again offering our customers for the season of 1898 the Genuine Philadelphia Lawn Mowers. That these machines are superior to all others is shown by the fact that nearly every lawn mower manufacturer is making mowers that imitate as closely as possible the Philadelphia. Genuine Philadelphia Mowers have the name of the makers cast on one wheel, and the words "Philadelphia Lawn Mower" cast on the other.

STYLE, LIST AND NET PRICES.

Style M. Solid Wiper. 7-in. Wheel.

List price, 14 inch.....\$17.00 Net price.....\$5.50
List price, 16 inch..... 19.00 Net price..... 6.00
List price, 18 inch..... 21.00 Net price..... 6.50

Style S. 4 Knife. Open Wiper.

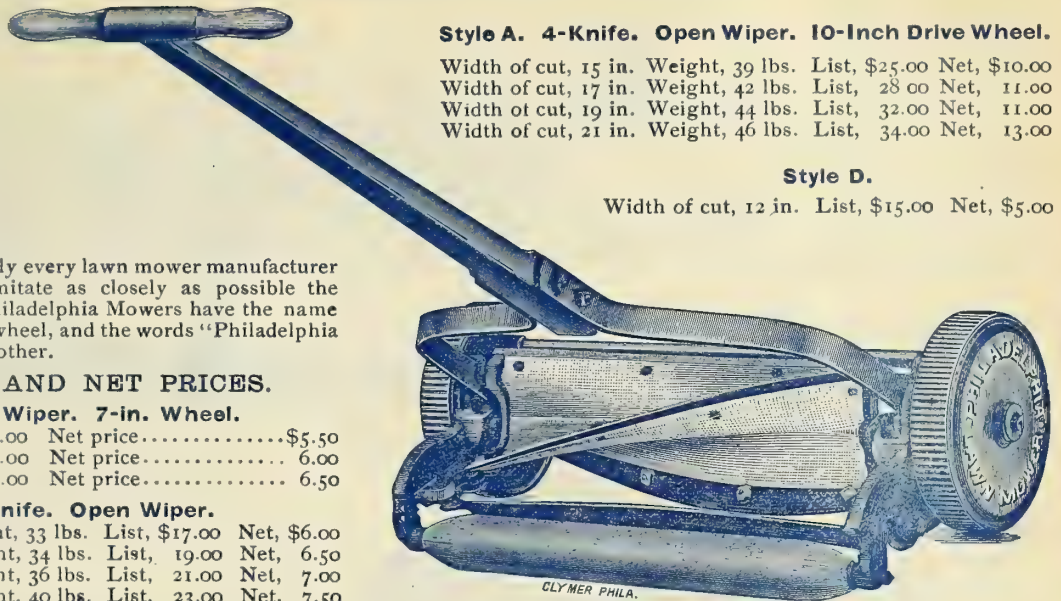
Width of cut, 14 in. Weight, 33 lbs. List, \$17.00 Net, \$6.00
Width of cut, 16 in. Weight, 34 lbs. List, 19.00 Net, 6.50
Width of cut, 18 in. Weight, 36 lbs. List, 21.00 Net, 7.00
Width of cut, 20 in. Weight, 40 lbs. List, 23.00 Net, 7.50

Style A. 4-Knife. Open Wiper. 10-Inch Drive Wheel.

Width of cut, 15 in. Weight, 39 lbs. List, \$25.00 Net, \$10.00
Width of cut, 17 in. Weight, 42 lbs. List, 28.00 Net, 11.00
Width of cut, 19 in. Weight, 44 lbs. List, 32.00 Net, 11.00
Width of cut, 21 in. Weight, 46 lbs. List, 34.00 Net, 13.00

Style D.

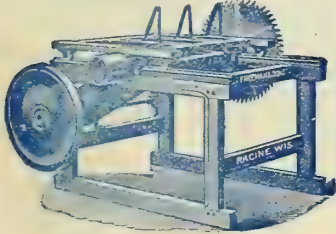
Width of cut, 12 in. List, \$15.00 Net, \$5.00



Model Style M.

TILTING AND SLIDING TABLE POLE SAWS.

The accompanying cut shows our latest improvement in this line. In these machines the power is conveyed direct to the saw arbor, from that by an endless rubber belt to the balance wheel shaft. The boxes in which the balance wheel shaft run are adjustable; by simply turning a set screw over each box the belt is tightened so that it cannot slip. We recommend these machines and guarantee them in every respect. Send for circulars showing all styles of Tilting and Sliding Frames.



Revised List on Wood and Pole Saws.

Diameter of Saw.	Tilting Table. Wood Saws.	Sliding Table. Wood Saws.	Tilting Table. Pole Saws.	Sliding Table. Pole Saws.
20 inches.....	\$40.00.....	\$42.50.....	\$47.50.....	\$50.00.....
22 ".....	42.50.....	45.00.....	50.00.....	52.50.....
24 ".....	45.00.....	47.50.....	52.50.....	55.00.....
26 ".....	47.50.....	50.00.....	55.00.....	57.50.....
28 ".....	50.00.....	52.50.....	57.50.....	60.00.....

Discount for cash, 33 1/3% off.

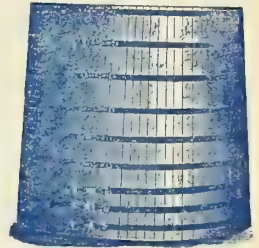
STOCK AND STORAGE TANKS.

The Tanks listed are made of soft pine, free from sap, shakes and unsound knots. They are not painted and are shipped knocked down unless otherwise ordered. The hoops of the round tanks are each fitted with patent tank lugs. Price of tank does not include cover.

ROUND STOCK TANKS.

Made of 2-Inch Lumber.

Length of Staves.	Diam. of Hoops.	Number of Hoops.	Weights.	Capacity in Bbls.	List Prices.	Length of Staves.	Diam. of Hoops.	Number of Hoops.	Weights.	Capacity in Bbls.	List Prices.
2 ft.	5 ft.	2	235 lbs.	7	\$14.25	2 ft.	8 ft.	2	425 lbs.	18	\$23.00
2 1/2 "	5 "	2	280 "	9	16.00	2 1/2 "	8 "	2	475 "	24	28.25
2 "	6 "	2	275 "	10	17.25	2 "	10 "	2	600 "	30	32.75
2 1/2 "	6 "	2	325 "	13	19.50	2 1/2 "	10 "	3	700 "	38	38.00
2 "	7 "	2	400 "	15	20.50	2 1/2 "	12 "	3	900 "	54	48.50
2 1/2 "	7 "	2	400 "	20	23.50	3 "	16 "	3	1200 "	125	83.00



HALF-ROUND STOCK TANKS.

Made of 2-inch Lumber.

Length of Staves.	Diameter.	Number of Hoops.	Weights.	Capacity in Bbls.	List Prices.	Length of Staves.	Diameter.	Number of Hoops.	Weights.	Capacity in Bbls.	List Prices.
6 ft.	3 ft.	4	165 lbs.	5	\$14.00	14 ft.	3 1/2 ft.	10	390 lbs.	16	\$28.00
8 "	3 "	5	200 "	7	15.75	16 "	3 "	10	365 "	14	25.25
10 "	3 "	6	250 "	9	18.25	16 "	3 1/2 "	12	420 "	18	30.50
12 "	3 "	7	280 "	11	20.50	16 "	4 "	12	480 "	24	33.25
12 "	3 1/2 "	8	330 "	14	24.50	18 "	4 "	13	545 "	27	36.75
14 "	3 "	8	325 "	12	22.75						



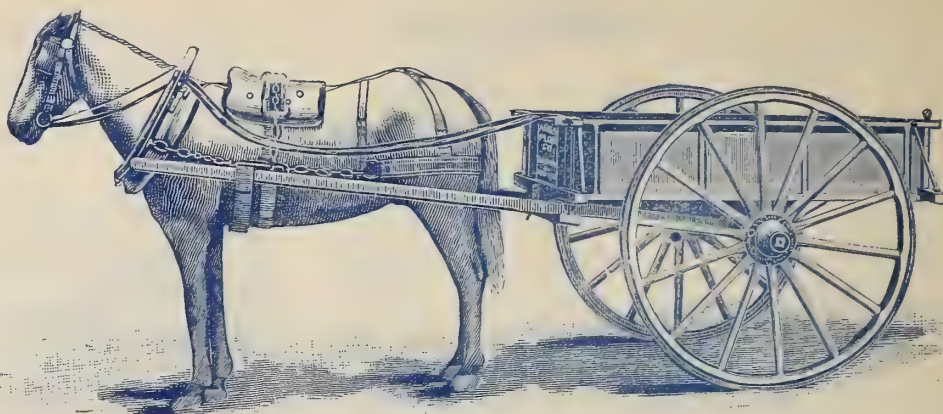
CONTRACTORS' SUPPLIES,

Dump Carts for One or Two Horses.

The accompanying illustration represents our Medium Farm, or Contractors' Dump-cart. This cart is made very strong, yet light enough for one horse farm work. We can furnish any heft for one or two horses.

List Price.

Light Farm Cart.....\$46.50
Medium " " 54.00
Heavy Railroad Cart..... 57.50
Extra Heavy Rail'd Cart. 65.00

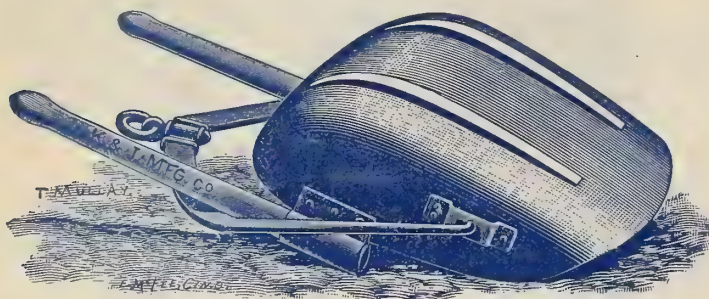


SOLID STEEL SCRAPERS WITH STEEL RUNNERS.

The best and most durable Scraper for contractors and road work.

Please notice reduction in prices for 1898.

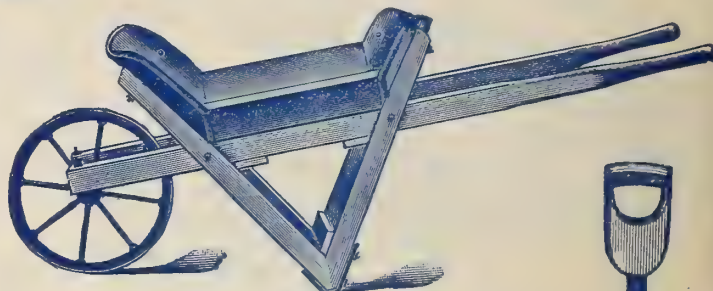
		List Price.	Net Price
No. 1.	Carries 7 feet of earth.....	\$16 00	\$6.00
No. 2.	" 5 " "	15.00	5.50
No. 3.	" 3 " "	14.00	5.00



DUMP, OR CONTRACTORS' BARROWS.

The Contractors Favorite Dump Barrow is without doubt the strongest and most durable barrow on the market. Please notice the Iron Shoe, which is unlike any other barrow. The stock used is the very best, and it is bolted throughout. We can furnish either wood or steel wheel.

Price, each, Wood Wheel....\$1.75 Per Doz....\$19.00
Price, each, Steel Wheel.... 2.00 Per Doz.... 21.00



Contractors' Favorite.

PICKS AND SHOVELS.

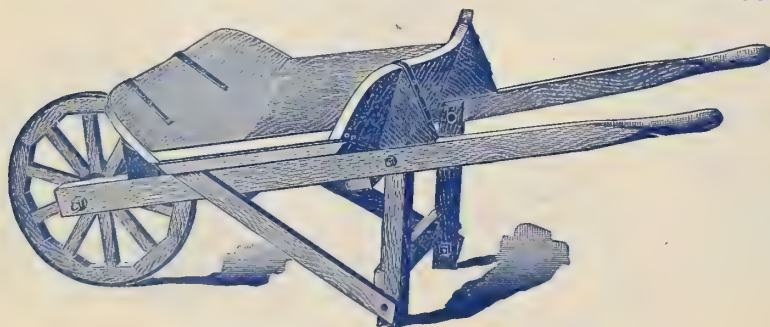
We handle Ames Shovels exclusively. Contractors supplied at bottom prices.

Ames' Best D Handles, square point, per doz., \$11.00; each, \$1.00.
Ames' Best D Handle, round point, per doz., \$11.50; each, \$1.00.
Our Best D Handle, square point, per doz., \$8.00; each, \$0.90.

Our Best D Handle, round point, per doz., \$8.25; each, \$0.90.

Our Sunnyside D Handle, square point, per doz., \$7.00; each, \$0.75.

Our Sunnyside D Handle, round point, per doz., \$7.25; each, \$0.75.



Common Bolted.—Price, Each, \$1.50; Per Doz., \$15.00.

STEEL TRAY BARROWS.—For Foundry or General Purposes.

There are so many different styles of steel barrows it is impossible for us to describe them, but we will be pleased to send Illustrated Catalogue with prices.

CONTRACTORS' PICKS.

7 lbs.....Per Dozen, \$8.00 Each, \$0.95 8 lbs.....Per Dozen, \$8.50 Each, \$1.00

RAILROAD PICKS.

5 to 6 lbs.....Per Dozen, \$6.00 Each, \$0.75 6 to 7 lbs.....Per Dozen, \$6.50 Each, \$0.80

PICK HANDLES.

2-x, 36 inch.....Per Dozen, \$2.75 1-x, 36 inch.....Per Dozen, \$2.50 No. 1.....Per Dozen, \$2.00

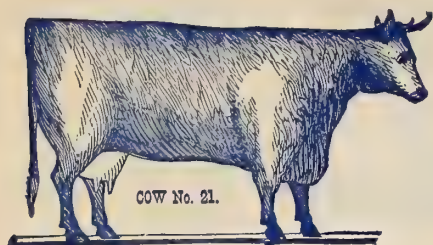


Fig. 2.

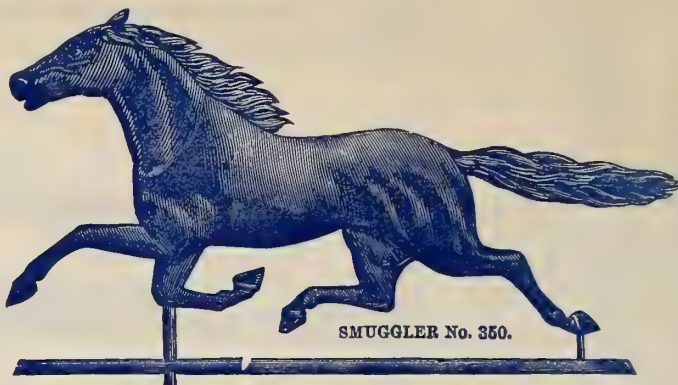


Fig. 1.

Fig. 11.

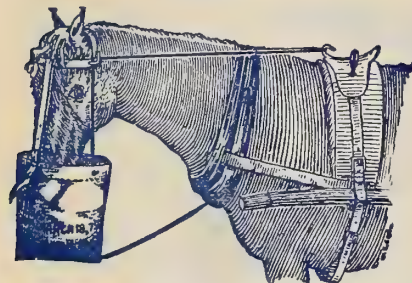


Fig. 3.

Vanes, Stable Fixtures, Feed Bags, Jacks, Hitching Posts, Etc.

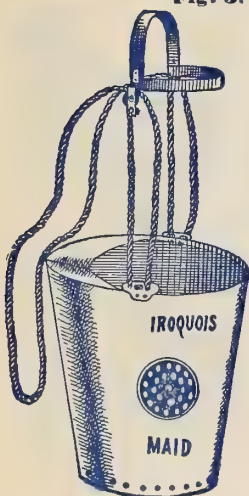


Fig. 4.

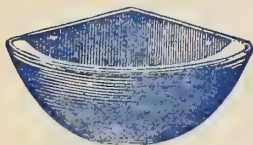


Fig. 5.



Fig. 6.

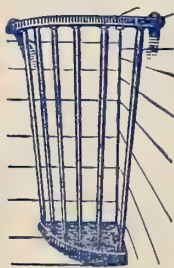


Fig. 7.



Fig. 8.



Fig. 10.

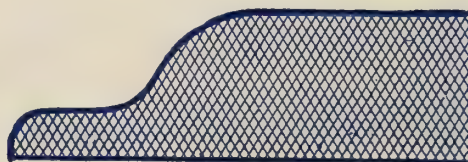


Fig. 9.

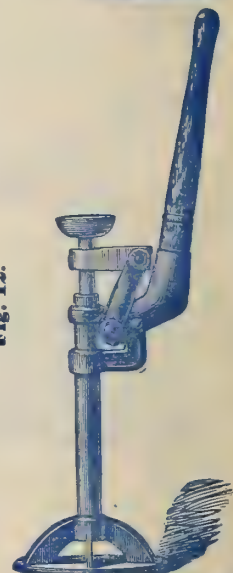


Fig. 12.



Fig. 13.



Fig. 14.

Weather Vane, Smuggler, (Fig. 1) 31 inch, complete,	\$12.00
Cow, (Fig. 2) 25 inch,	\$12.00; 33 inch, 24.00
Feed Bag, Whittaker's Patent, (Fig. 3) Wood Bottom, Overdraw Check,	.75
All Canvas,	.60
Feed Bag (Fig. 4) Iroquois Maid, Leather Bottom and Ventilator,	.90
Iroquois Chief, (Folding Bag) Patent Pocket and Hinge Bottom,	
Leather or Galvanized Steel, Wire Ventilator,	1.00
Iroquois Brave, Patent Doweled, Rabbeted Wood Bottom,	.75
All have Pat. Overdraw Check and Bridle, with Pulley Attachment.	
Stall Manger, (Fig. 5) The Standard Corner Cast Iron Manger,	1.25
Slow Feed, same shape,	1.50
National Feed Box (Fig 6) Slow Feed, great grain saver,	2.00
Wrought Iron Corner Rack, (Fig. 7),	1.50
Cast Iron Corner Rack, (broader),	1.00
Stall Hook, (Fig. 8),	.50
Wrought Iron Wire Stall Guard, (Fig. 9) 72 x 24,	3.60
Whe'er Evener, (Fig. 10) Draft always comes even on both tugs, no side draft or galling. Sold on trial,	3.50
Iron Hitching Post, (Fig. 11), with chain,	1.75
Wood Hitching Post,	1.25
Wheel Jack, Lockport, (Fig. 12) four sizes, suitable for large range of work, light or heavy, No. 1, \$4.00; No. 2, \$2.25; No. 3, \$1.75; No. 4,	1.25
Giant Jack, (Fig. 13) the Standard Wood Jack, No. 0, \$2.00; No. 1, \$2.25; No. 2, \$2.75; No. 3, \$3.25.	
Smith's Cattle Stanchions, (Fig. 14) Self Adjusting Fastener, 1.25. In lots of 10, 1.15.	



No. 8, Double Hand, w. light
180 lbs., Price \$28.00.

Mann's Green Bone Cutters

Will Successfully Cut Fresh Market Bones With the Meat
and Gristle Attached Suitable

FOR POULTRY FOOD.

We Warrant These Machines to Cut Fresh Bones with
Meat and Gristle Without Clog or Difficulty, or

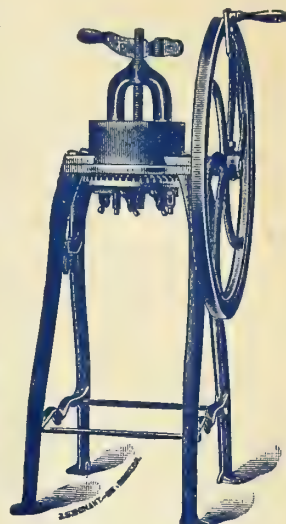
Money Refunded

For lack of space
we illustrate only the
three best selling sizes,
but can furnish either
of the ten styles at fac-
tory prices.



No. 1, Crank, Weight 30 lbs., Price \$6.25.
No. 1, Balance Wheel, Weight 55 lbs., Price \$8.75.

The following prices
are List, or Factory
Prices, but we allow a
discount of twenty per
cent. off.



No. 2, Hand, Weight 140 lbs.
Price \$23.00.

OTHER SIZES.

No. 6, Post, Wgt. 100 lbs., price \$20.00. No. 16, Largest Power, Wgt. 720 lbs., price \$280.00. No. 14, Large Power, Wgt. 430 lbs., price \$96.00.
No. 10, Power, Wgt. 175 lbs., price \$32.00. No. 3, with Bal. Wheel, Wgt. 65 lbs., price \$15.00. No. 3, Crank, Wgt. 40 lbs., price \$12.50.

ROCHE'S STANDARD GREEN BONE CUTTERS.

These machines are probably the lightest running machines on the market, and were awarded first premium last season at the Rhode Island State Fair, at Lowell, Mass., at North Adams, Mass., Elmira, N. Y., and Bethlehem, Pa., in competition with all the old line companies.

Recognizing the popular demand, the manufacturers of these machines have placed on the market this season three lower priced machines on the same principle as our Nos. 2, 3 and 4, and will sell exclusively in future automatic feeding machines. The machines are simple, readily adjusted, and can be operated with ease. Poultry raisers with small flocks will find them the most profitable machines ever invented. All machines are built on the same principle, the only difference being the No. 2 is built for power, the Nos. 3, 4, 8, 9 and 10 for hand use. All our machines are mechanically perfect, automatic feeding with automatic stop, easy running, durable, simple, perfect working, moderate cost machines. Try them in competition with any similar priced machines manufactured—and retain the best.

No. 4, Price \$18.00

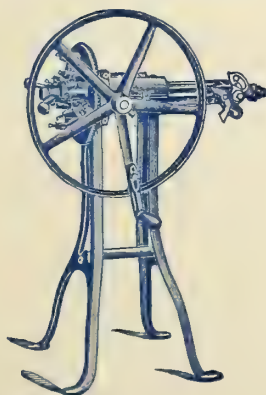
No. 2, Price \$25.00

No. 3, Price \$16.00

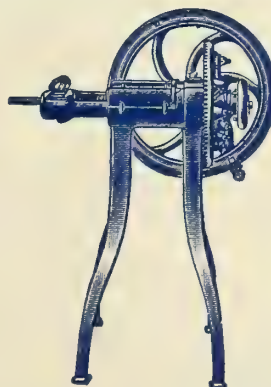
No. 8, Price \$9.50



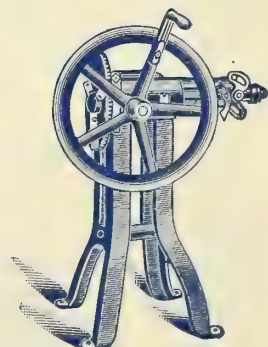
Double wheel hand power.
Two persons can operate at
the same time. Capacity five
pounds in two minutes.
Weight, 160 pounds.



Power machine Capacity
8 pounds in two minutes.
Weight, 250 pounds.



Single wheel hand power.
Capacity 5 pounds in six
minutes. Weight 140 pounds.



No. 8 machine with legs
and drive wheel. Weight,
95 pounds.

No 9. Price \$7.90. Bench machine with drive wheel. Same machine with crank handle instead of drive wheel, \$6.75. Weight, 80 lbs.

THE SAFE ENGINE AND BOILER.

In presenting this engine to our customers, we do it after carefully testing and investigating in regard to the construction and durability, and we have satisfied ourselves that it is rightly named "SAFE."

The No. 2 cut shows the Double Cylinder. Five-Horse Power, Engine and Boiler set up ready for use.

This engine is especially adapted for people who are inexperienced in the use of steam. Cranks running in water and oil, with automatic water feed, and all bearings are adjusted easily. Automatic draught, Automatic Oil, and everything as simple as skill can make it. We guarantee this size to run any 16-inch Cutter and Carrier without difficulty. The boilers are made from the Best Flange Steel and Extra Heavy Charcoal-Iron Lap Welded Boiler Tubes. We test them all to 240 pounds pressure per square inch. There is no large body of water to deal death and destruction in case of carelessness.

FUEL: Hard or soft coal, or wood such as old rails, knots, limb-wood, anything that will burn and is not fit to use in the house or to sell, will make all the steam wanted, practically speaking, at no cost to the farmer.

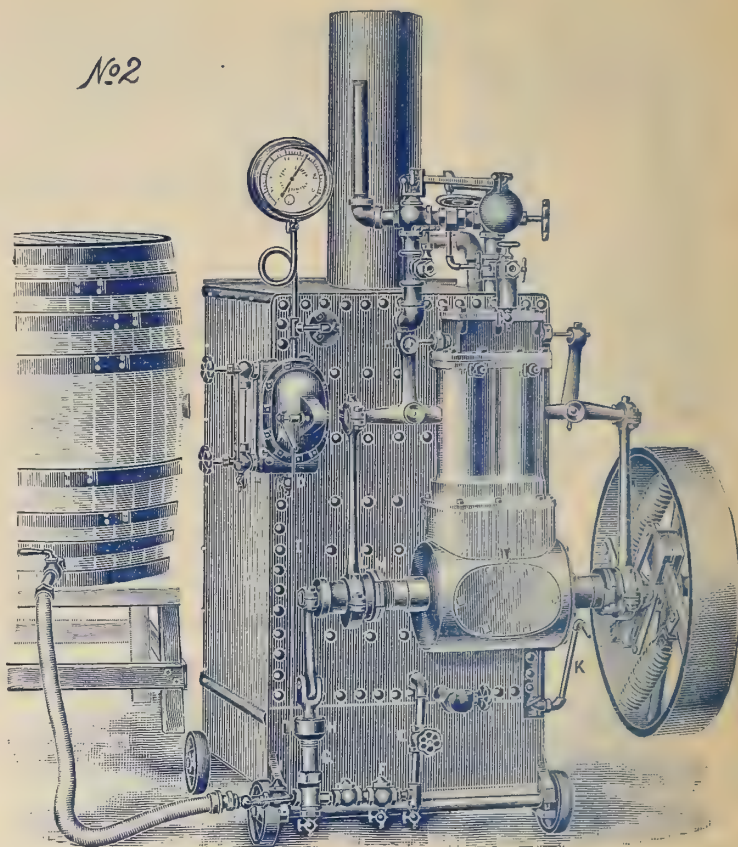
The fire-box takes in wood twenty inches long. One can also use soft or hard coal equally as well.

CHARLTON DEPOT, Jan. 17th, 1898.

ROSS BROS:

Dear Sirs:—It gives me pleasure to state that I am more than pleased with the Safe Engine that I bought of you last year. It is a wonderful invention. You cannot recommend it too highly. Two feet of pine wood and five casks of water is all that is required to fill a silo of seventy-five tons. I cut about eight hundred tons of ensilage last year, and all the parties I cut for said that Engine beat anything they ever saw. Yours truly,

CARLOS BOND.

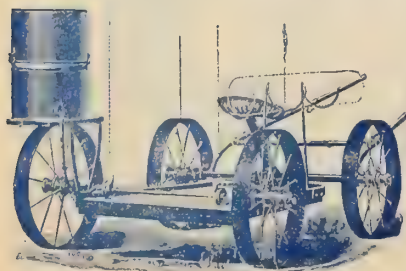


LIST PRICES.

2	Horse Safe Boiler and Engine,	-	-	\$200.00
4	" " " " " Single Cylinder,	-	-	290.00
5	" " " " " Double "	-	-	290.00
6	" " " " " Single "	-	-	325.00
8	" " " " " " "	-	-	375.00
	Glendale Steel Engine Truck,	-	-	40.00

As the discount varies on different sizes, please write for discount and Illustrated Catalogue.

GLENDALE STEEL ENGINE TRUCK.

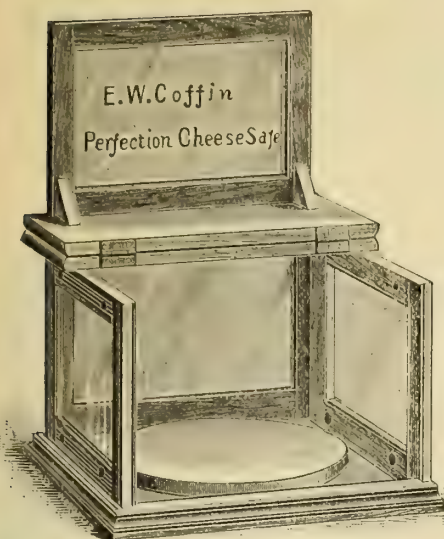


This Truck is furnished with pole or shafts as desired; tank holder, smoke stack holder, and seat. All these things are detachable without removing a single bolt or screw. This truck is as easily applied to other engines as the Safe Engine, and if one happens to be the owner of an oil or gasoline engine, you will find it a complete auxiliary to your outfit. The axles are the best 1½ in. cranked steel axles and will carry 3000 lbs. Sides and end 4 in. channel steel, bolted together with castings, making everything come together strong, and using only straight bolts in its construction. Body 5 ft. long, 9 in. from

ground, bringing your engine within easy reach of all parts as in stopping, starting, oiling, watering, firing, etc. Weight, 600 pounds,

PERFECTION CHEESE SAFES.

E. W. COFFIN, Inventor and Manufacturer.



In offering these Cheese Safes to our customers, we do so with positive knowledge that they are the best, most economical safe ever offered to those who keep cheese, and the many testimonials of satisfaction they are giving is proof that we have made no mistake in the name we have chosen for the safe. This safe is made to open back of the counter, which prevents the cutting and picking off the profits so often lost where the cheese can be got at from the front, thereby making the keeping of cheese a good investment, where, in the old style box used there was little or no profit to be had.

The safe is fly proof and is made of glass instead of wire preventing the cheese from drying, and is always in sight of your customer, who is invited to buy, and will do so many times, when, if the cheese was out of sight, would not think of doing so, thereby increasing your sales to a large profit at the end of the year.

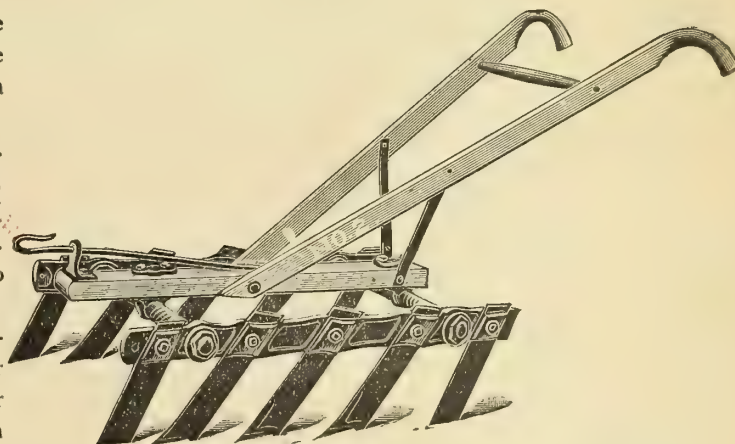
These safes are made in the best of style with *turn table* for the cheese and are very ornamental and add much to the looks of any store. They are packed in such a way that they can be shipped with safety.

THE BUCKLEY PATENT ICE PLOW.

This Plow is designed for farmers and small ice dealers. It is a perfect plow in every way; we have tested it thoroughly and find it fills the bill in every case.

No. 2. This Plow is designed for icemen. It is made heavier than No. 1, has six teeth, cuts $\frac{7}{8}$ of an inch on each side at a time, equal to $1\frac{3}{4}$ inches on a single groove; will cut 7 inches deep. Size of cake 16 to 22 inches. Capacity from 40 to 70 tons an hour. Price, \$20.00.

No. 1. This Plow is designed to meet the demand for a low priced and efficient Ice Cutter for farmers and dairymen. It has an iron frame, four teeth, cuts two grooves at one cut, each $\frac{5}{8}$ of an inch at a time, equal to $1\frac{1}{4}$ inches on a single groove. Will cut $6\frac{3}{4}$ inches deep. Size of cake, 16 to 22 inches. Capacity, 30 to 50 tons an hour. Price, \$16.00.



No. 2.

January 2, 1895, George Bushnell, of Lakeville, Conn., says: I have used your Ice Plow one season and find it in every way to be first class. It will plow more ice and do better work in same length of time than any other plow I ever saw. Can do better work with your plow than my neighbors can with plows that cost from \$25.00 to \$60.00. Am highly pleased with it; will put it against any other plow on the market for its beauty, strength and work. It also has a very light draft, which most others do not.

February 22, E. B. Eastman, North Amherst, Mass., writes: The Ice Plow is first class and the admiration of all who have seen it work. It is strong and durable. Anyone can use it with any horse. Plows ice square and smooth. I like it the best of any I have seen. If hitched to the horse right there is no trembling or catching. I have plowed ice 16 inches thick and 7 inches, and it works good on either. The No. 2 cannot be beaten.



Gilbert G. Davis,

Worcester, Mass.

Printer.

He Printed this Catalogue.

He will Print Anything you want
and Print it well.

If your daughter is to be married

Don't Let Her

order her Wedding Cards until you
have seen our Samples. Send for
them.

Gilbert G. Davis,

38-44 FRONT ST., WORCESTER, MASS.

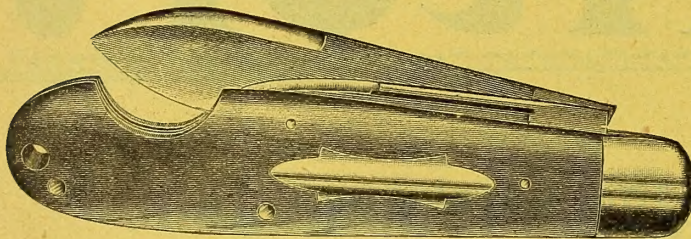
Please write your name and address distinctly, and address your communications to

ROSS BROTHERS,
Worcester, Mass.

Date,

Total, . . . \$

Boys, whoop-er-up! and have the best knife
in town. For further description and price see
page 44.



TRUE-
GLOBE-SHAPED
ONIONS.

THE MONEY MAKERS
THE THREE AT UNIFORM PRICES.

THE BEST
TO YIELD, KEEP
AND SELL.

Pkt. 5¢; Oz. 20¢.
¼lb. 50¢; 1lb. \$1.50;
5lbs. \$7.00.

For descriptions
see specialties page 9,
also general list.



THE WORCESTER MAMMOTH POLE BEAN

THE BEST IN CULTIVATION.

SEE PAGE 2.